INDEX

products	pages
BR-1200CD Digital Recording Studio	28-29
BR-900CD Digital Recording Studio	30-31
CD-2 CF/CD Recorder	18-19
D-BASS 210/115/115X D-Bass Amplifiers	26-27
DAP-3 V-Drums® Accessory Package	23
DB-30 Dr. Beat	37
DB-90 Dr. Beat	36
DP-10 Damper Pedal	39
DR-30/-50/-80C Microphones	38
Fantom X Audio Track Expansion	8
Fantom XR Sample Tools Expansion	9
GT-8 Guitar Effects Processor	34-35
GT-Pro Guitar Effects Processor	32-33
GW-7 Workstation	14-15
MV-8000 Version 3 Production Studio	16-17
TD-12K V-Stage™ Series V-Drums	20-23
PM-10 Personal Monitor Amplifier	23
RD-300SX Digital Piano	12-13
RD-700SX Digital Piano	10-11
RMP-3 Rhythm Coach	24-25
SRX-11 Wave Expansion Board	9
V-Synth XT Synthesizer	4-5
V-Synth Version 2 Synthesizer	7
V-Stand Keyboard Stand	39
VC-2 Vocal Designer	6

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Roland® BOSS®

NEW PRODUCT CATALOG

2005 VOL.1

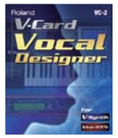
CONTENTS

Roland Presents the Shape of Music

	Page	
V-Synth XT	4-5	Synthesizer
VC-2	6	Vocal Designer
V-Synth Version 2	7	Synthesizer
Fantom X	8	Audio Track Expansion
Fantom XR	9	Sample Tools Expansion
SRX-11	9	Wave Expansion Board
RD-700SX	10-11	Digital Piano
RD-300SX	12-13	Digital Piano
GW-7	14-15	Workstation
MV-8000 Version 3	16-17	Production Studio
CD-2	18-19	CF/CD Recorder
TD-12K V-Stage™ Series	20-23	V-Drums®
DAP-3	23	V-Drums Accessory Package
PM-10	23	Personal Monitor Amplifier
RMP-3	24-25	Rhythm Coach
D-BASS 210/115/115X	26-27	D-Bass Amplifiers
BR-1200CD	28-29	Digital Recording Studio
BR-900CD	30-31	Digital Recording Studio
GT-Pro	32-33	Guitar Effects Processor
GT-8	34-35	Guitar Effects Processor
DB-90	36	Dr. Beat
DB-30	37	Dr. Beat
DR-30/-50/-80C	38	Microphones
V-Stand	39	Keyboard Stand
DP-10	39	Damper Pedal

V-Synth XT

VC-2



V-Synth Version 2

Fantom X Audio Track Expansion

Fantom XR Sample Tools Expansion

SRX-11

RD-700SX

RD-300SX

GW-7

MV-8000 Version 3

CD-2

TD-12K V-Stage Series

DAP-3

PM-10

RMP-3

D-BASS 210/115/115X

BR-1200CD

BR-900CD

GT-Pro

GT-8

DB-90

DB-30

DR-30/-50/-80C

V-Stand

DP-10

Elastic Audio Synthesis To Go

Named the "Synthesizer of the Year" at the 2004 MIPA Awards, Roland's groundbreaking V-Synth now has a travel-friendly offspring. The XT is a portable new V-Synth with some spectacular tricks up its sleeves — and with enough synthesis and audio-processing power to make heads spin. It's fully stocked with a potent array of synthesis types, including the V-Synth's famous Elastic Audio Synthesis engine, plus analog-synth modeling, vocal modeling, and classic D-50 emulation. Add to that a rich lineup of COSM® effects, external audio processing, a touch-sensitive color display, eight universal edit knobs, and you have an instrument that redefines rack/tabletop technology.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

- The V-Synth's powerful variable-oscillator synthesis in rack/tabletop module
- New patches by world-class artists, and Sound Shaper function for fast navigation through extensive editing parameters.
- Rhythm Sets for unique rhythmic manipulation
- Multi-Step Modulator for incredible sound-design possibilities
- Extended analog-modeled waveform set, including SuperSaw, Polyphonic Feedback Oscillator, and X-mod (cross Modulation) Oscillator
- USB streaming-audio, MIDI, and file transfer for one-cable computer connectivity
- VC-1 D-50 card and VC-2 Vocal Designer card pre-installed; live switching function enables V-Card application to be launched without rebooting
- Color touch-screen and eight universal edit knobs for fast, friendly operation
- Front-panel combo XLR/phono input for external audio processing

Standard or Surreal

The original V-Synth's factory soundset was a showcase of twisting, bending, otherworldly sounds. But the V-Synth is no one-trick pony, as evidenced by the new batch of unique "playable" patches created by an A-list group of star artists and producers. The patches might sound classic at first touch, but they explode to animated life when modulated. Start on familiar terrain, then hit the launchpad V-Synth style!

Sound Shaper

Experts onboard! The XT's innovative Sound Shaper function allows you create new sounds with the virtual "know-how" of professional sound designers. By selecting your destination sound type — whether a pad, bass, lead sound, etc. — this macro function guides you quickly through relevant parameters while editing. Complex editing is made easy.

Audio Inputs

The XT provides a variety of input paths for sampling and external-audio processing. You can sample directly into the synth via its audio inputs (XLR and 1/4-inch), you can import samples through USB (WAV and AIF format), or you can feed live audio to the XT for processing in real time. The front-panel Hi-Z input allows the XT to function as a unique and powerful effects rack for guitar or other instruments, the XLR input (with phantom power) allows the XT to be utilized as a full-blown vocoder. USB audio streaming enables computer-aided sound design and additional audio-processing possibilities.

Flexible Hardware Design

Physically speaking, the XT is the most flexible rack unit Roland has ever manufactured. It can be mounted in a rack, where it can be positioned flush or tilted and locked at an angle that best suits your working environment. Or, if you prefer, you can take the XT out of the rack, and place it on a flat surface. Its angled profile is designed to make the XT work perfectly as a standalone tabletop unit. Whether used in a rack or on a tabletap, the XT's large, color touch-screen display provides luxurious navigation, and its row of eight universal edit knobs makes using the synth fast, friendly, and expressive.

VC-1 & VC-2 Built-in

In addition to its user sampling, elastic-audio manipulation, and analog-synth modeling, the XT comes pre-installed with Roland's VC-1 (D-50 emulator) and VC-2 (Vocal Designer). It's like getting two additional instruments for free!

■VC-1

The VC-1 transforms the XT into Roland's legendary D-50 synthesizer. Relive the D-50 in all its glory. Every circuit and precise detail of this legendary synthesizer has been faithfully modeled. It doesn't just sound like a D-50, it is a D-50.

■VC-2

The VC-2 brings advanced vocal modeling to the V-Synth XT platform — from legacy vocoders to massive choir models with a level of expression never before achieved from conventional voice-processing algorithms.

[For more on the VC-2, see page 6.]

V-Synth XT Specifications

■ **Sound Generator** Configuration: Oscillator (envelope x 4 + LFO x 1) x 2, Modulator x 1, COSM (envelope x 2 + LFO x 1) x 2, TVA (envelope x 1 + LFO x 1) x 1, Methods by which Oscillators produce sound: Analog Modeling (14 OSC types, 16 COSM/Filter types), PCM / VariPhrase (Preset waveforms + Sampling waveforms), External Input, Modulator: 4 types + MIX, COSM: 16 types, Zones (Splits): 16, Maximum Polyphony*: 24 voices *Varies depending on the load placed on the sound generator. ■ **Internal Memory** Project: 1, Patches: 512, Waves: 999, Wave memory (RAM)*: 50 M bytes, Sample storage memory (FLASH): 10 M bytes *When the unit ships from the factory, 32 M bytes of this is taken up by the preset waves. ■ **External Storage Device** PC CARD slot *PC card adaptor is required for Microdrive, SmartMedia, and CompactFlash ■ **Effects** MFX (Multi-effects): 41 sets, Chorus: 8 sets, Reverb: 10 sets, System EQ: 4 bands ■ **Pre-installed VC Systems** VC-1 D-50 LA Synthesizer, VC-2 Vocal Designer ■ **Sampling Frequency** Internal: 44.1kHz, Digital Audio IN/OUT: 96, 48, 44.1 kHz ■ **Signal Processing** Internal processing: Sound generating section: 32 bits (floating point), Effects section: 24 bits (fixed point), DA Conversion: 24 bits, AD Conversion: 24 bits ■ **Nominal Output Level** MAIN OUT: +4 dBu, DIRECT OUT: +4 dBu ■ **Nominal Input Level** INPUT (LINE): -20 dBu, INPUT (MIC): -46 dBu ■ **Arpeggiator** Patterns: User programmable, (support use of control change messages), Motifs: 8 types, Tempo: 20 to 250 BPM ■ **Multi Step Modulator** Tracks: 4, Maximum Steps: 16, Tempo: 20 to 250 BPM ■ **Display** Graphic 320 x 240 dot backlit Color LCD with touch screen ■ **Connectors** Headphones Jack, Main Output Jacks (L/MONO, R) (1/4 inch phone type), Direct Output Jacks (L, R) (1/4 inch phone type), Line Input Jacks (L, R) (1/4 inch phone type), Mic Input Connector (XLR type or 1/4 inch phone type), (Equipped with phantom power/Hi-Z switch), MIDI Connectors (IN, OUT, THRU), USB Connector (Audio Streaming/Data Transport/USB-MIDI), Digital Audio Interface (24-bit, S/P DIF), COAXIAL (IN, OUT), OPTICAL (IN, OUT) ■ **Power Supply** AC 117 V, AC 230 V, AC 240 V ■ **Power Consumption** 16 W ■ **Dimensions** 482 (W) x 180 (D) x 170 (H) mm, 19 (W) x 7-1/8 (D) x 6-3/4 (H) inches ■ **Weight** 4.5 kg / 9 lbs 15 oz ■ **Accessories** Owner's Manual, CD-ROM (Driver), PC CARD Protector, Power Cable ■ **Options** DR-Series Microphones

*0 dBu = 0.775 V rms
* The specifications are subject to change without notice.

VC-2 Vocal Designer

Roland®

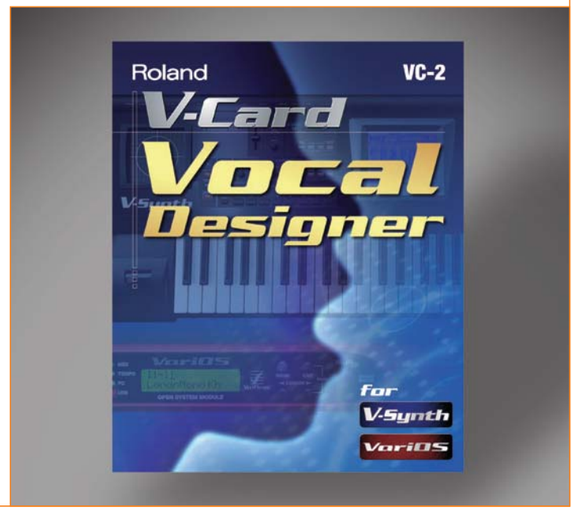
Human-Vocal Construction, Manipulation, & Performance

The human voice is the most expressive musical instrument of all, and it's also the most challenging to recreate digitally because of its complex variable-formant characteristics. Mission accomplished with the VC-2. The second offering in the V-Card Series turns the V-Synth, V-Synth XT*, and VariOS into an advanced vocal-modeling processor — from legacy vocoders to massive choir models with expression never before achieved in conventional voice-processing algorithms. Make your synth sing, howl, and growl like never before.

*Pre-installed in V-Synth XT

- Advanced vocal modeling; create background vocals, large or small ensembles, authentic or synthetic
- Choir Modeler creates massive choral performances with words generated from your own voice
- High-definition pitch detection algorithm allows voice models to be played from the pitch of incoming audio, such as singing vocalist — no keyboard playing required
- Poly-Voice Keyboard mode allows vocal sounds to be played without audio input — no singing or mic input required
- Available in PC Card format for V-Synth and VariOS
- Pre-installed in the V-Synth XT

*Product pictured is a prototype model. Actual product appearance may be subject to change.



Build a Virtual Choir

Whether you need one voice or an amazingly authentic choir, the VC-2 can deliver the quality vocal backing you need. The VC-2's voice-processing modes allow the creation of realistic and expressive virtual vocals with words generated from your own voice. VC-2 is also equipped with Growl Modeling, which can turn the smoothest voice into audio sandpaper. The ultra high-resolution vocoder modeling imparts incredibly smooth synthetic backing that matches today's cutting-edge dance music, while the legacy vocoder models can provide the perfect dose of retro "robot voice" charm.

■ Voice-Processing Algorithm List

Modeling algorithm
Choir type
Vocal type
Analog Voice type

Vocoder algorithm
Hi-Resolution Vocoder
Vocoder Solo
Vintage Vocoder

Harmonizer algorithm
Harmonizer

Poly-Voice Keyboard algorithm
Choir Keyboard
Vocal Keyboard
Analog Voice Keyboard

*All algorithm names are temporary for prototype model.

Hands-On/Hands-Off Vocals

As with traditional vocoders, the VC-2 processes incoming audio (either from your vocals or other live audio input sources) along with the notes you play on the keyboard to create a custom performance. In addition, there are two other input methods in which to "play" your virtual vocals. The VC-2's Poly-Voice Keyboard mode allows vocal sounds to be played without audio input, or you can do the opposite with the VC-2's voice-to-synth converter, which contains an advanced pitch-detection algorithm that enables the modeled vocal sound to follow the pitch of your voice in real time — no keyboard playing required.

* Displays are worked on the V-Synth XT.

V-Synth Version 2

Elastic Audio Synthesis

Roland®

The V-Synth Reloaded

Roland's flagship mega-synth grows even stronger with the release of Version 2 software. This user-installable system upgrade adds significant new features to the already-powerful V-Synth, including brand new, never-before-heard patches for performance, the Sound Shaper for patch-programming assistance, a Multi Step Modulator for animating sounds, new SuperSaw, Feedback, and X-mod Oscillators, and Rhythm-Sets for unparalleled drum kit manipulation.

VariPhrase™
COSM
V-LINK
USB

- The V-Synth's feature set expands significantly with Version 2 user-installable update
- New factory patches provide "playable" sounds with exotic modulation control
- Sound Shaper function makes custom patch creation easier than ever
- Multi-Step Modulator gives new life and movement to sound
- Rhythm Sets enables complex and highly expressive drum kit manipulation
- New analog modeling oscillator waveforms added: SuperSaw, Polyphonic Feedback Oscillator, and X-mod (cross modulation) Oscillator

*Product pictured is a prototype model. Actual product appearance may be subject to change.

New Patches!

V-Synth Version 2 has totally new Patches and VariPhrase waveforms onboard. The "V-Synth Producer Edition" is a collection of highly playable sounds from top professional artists around the world. Many of the sounds are familiar at first touch — sparkling EPs, lush strings, thick synth leads, etc. — but, in V-Synth fashion, all patches allow instant and exotic tonal changes via modulation. Start on familiar terrain, then launch your sounds into deep space V-Synth style! The Multi-Step Modulator makes complex animated sound design easy; use it to automatically sync sounds with other modulators. Analog modeling gets upgraded with SuperSaw, for generating multiple sawtooth waveforms in unison, the Polyphonic Feedback Oscillator for screaming sounds, and X-mod (cross Modulation) Oscillator for creating clangorous distorted timbres. All these can be modified and modulated through multiplex synthesis only available from V-Synth.

Sound Shaper

The new Sound Shaper function allows quick and easy navigation through parameters while editing. By selecting those that only correspond to your destination sound, whether it's a pad or bass or a lead sound etc, this macro function makes complex editing easy.

Rhythm Set Mode

Create complex and expressive drum kits with the new Rhythm Set function, which deploys complete V-Synthesis power separately to each key. Program a multi-dimensional, Time-Tripping swirling cymbal with Side Band Filter on one key, a monstrous sub-octave kick on another, and so on — with each key offering its own independent realtime processing parameters.

Fantom X Audio Track Expansion

Roland

Turbo-Charge Your Fantom-X

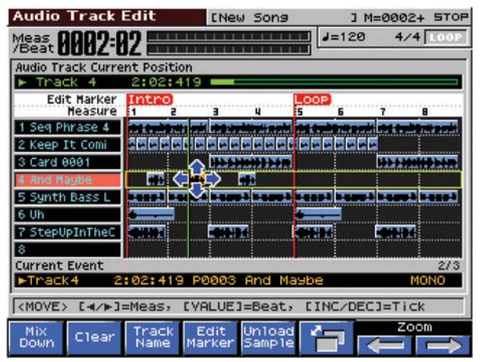
COSM V-LINK GENERAL MIDI2 USB

The Fantom-X series grows even stronger with the release of a new operation system, which adds eight stereo linear audio tracks to the Fantom's sequencer. Any Fantom-X6, X7, or X8 can be upgraded via the FAN-X-UP1 "Audio Track Expansion Kit." (A separate version is available for the Fantom-XR; see page 9.) The upgrade kit includes a CompactFlash card with installer software, PC card adaptor, plus a CD-ROM that contains Fantom-X Editor Software Version 2, including a Sample Editor, a Multisample Editor, and an S-700 file converter for Mac and PC.

- Add eight linear stereo audio tracks to the already-powerful Fantom-X workstation
- Tracks can be played back from any point in the song, and can be synchronized with the MIDI tracks via realtime time-stretching
- Multisample waveform editor for serious sample-based patch creation
- Upgraded Editor software; plus S-700 CD-ROM conversion software for PC/Mac
- Auto-Patch Bank mode creates patches for every sample for quick use in compositions
- New Sample Gain parameter (0/+6/+12dB)

Audio Track Expansion

Musicians around the world have been producing amazing music with the current Fantom-X series workstations. Now imagine taking that powerhouse synth/sampling/ sequencing platform and adding eight stereo linear audio tracks to the mix — with realtime time-stretch capabilities for syncing audio to MIDI. Unlike sequence-driven samples, these new audio tracks can be played back from any point in the song, and can be synchronized perfectly with the MIDI tracks, thanks to realtime time-stretching. It's also possible to output a Skip Back sample to an audio track. Imagine having a robust, rock-solid "DAW-synth" that's equally at home in studios or touring rigs. Welcome to the world of the true audio/MIDI fusion workstation!



■ Skip Back Preview Window

■ Multisample Edit Window

*Product pictured is a prototype model. Actual product appearance may be subject to change.

Fantom XR Sample Tools Expansion

Roland

Power Pack for Your XR Rack

COSM GENERAL MIDI2 USB

Owners of the Fantom-XR can add powerful functionality to their rack with the FAN-XR-UP1 "Sample Tools Expansion Kit." All of the new features for Fantom-X keyboards (see page 8) are now available for the Fantom-XR, minus the inclusion of audio tracks. New features include an onboard Multisample Editor, a Sample Gain parameter, an Auto-Patch Bank mode (which creates patches for every sample for quick use in a composition), a multisample editor, and upgraded Fantom-X Editor Version 2, including S-700 sample-conversion software for Mac and PC. The new operating system is installed from the supplied CompactFlash card and PC-card adapter.

- Updates the Fantom-XR to new operation system via Memory Card installation; CompactFlash and PC-card adaptor included
- Adds multisample waveform editing for serious sample-based patch creation
- Adds Auto-Patch Bank mode, which creates patches for every sample for quick use in a composition
- Fantom-X Editor software Version 2 CD-ROM also included, which contains S-700 conversion software for PC/Mac

Extended Audio-Editing Power for Fantom-XR

■ **Sample Chop: Fantom-X Editor Software 2**

Chop audio into rhythmic fragments, then immediately preview the slices by clicking the onscreen pads.

■ **Multisample Edit: Fantom-X Editor Software 2**

Manipulate multisamples fast and easy in this onscreen environment.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

SRX-11 Wave Expansion Board

The Ultimate Piano Collection

Roland proudly offers its most stunning multi-sampled grand piano to date. Sink your fingers into a lush, fully split 88-note acoustic grand. Each key of the newly sampled world-class grand was meticulously recorded in high-resolution stereo, with 4-stage velocity switching employed, resulting 704 samples for this single instrument! The ultra-wide dynamic range of this sampled piano makes it ideal for virtually all musical styles. One piano, no compromise. If you want the ultimate sampled grand on SRX, this is it!

*Compatible with Fantom-X6/X7/X8/XR/Xa, Fantom-S/S88 (ver. 1.06 or higher), RD-700SX/700, G-70, MC-909, XV-5080/5050/3080/2020/88, VR-760 V-Combo, and Rodgers MX-200.

The Arrival of a New Gold Standard

Equipped with the most authentic and expressive multisampled grands to ever adorn a stage piano, the RD-700SX represents the pinnacle of digital stage-piano design and performance. Driven by Roland's most powerful sound engine, the RD-700SX enables the ultimate in sound and performance with two world-class grand piano waveforms at its core, and featuring 128-voice polyphonic performance, a Progressive Hammer-Action keyboard, and an expanded soundset (which includes brilliant electric pianos, authentic virtual tonewheel organs, and more). The RD-700SX is an unrivaled new breed of stage piano.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

- Two great new grand piano sample-sets, each with 88-key multisamples
- Roland's most expressive Progressive Hammer-Action Keyboard
- 128-voice polyphony
- 3-band parametric EQ with graphical user interface and COSM effects for easy tone shaping
- Realistic tonewheel organ sounds with graphic drawbar editing
- XLR Outputs for professional use
- Master Keyboard functions with two individual MIDI out for controlling external MIDI modules
- Built-in SMF player with USB connection for PC/Mac
- 2 SRX Expansion slots for adding great new sounds
- Complete GM2-compatible sound engine onboard

Stunning Sounds

With Roland's most powerful processing engine at its core, the RD-700SX provides two complete 88-note world-class concert grand pianos, each with individual multisamples for every key, and recorded at a variety of velocity levels. The RD-700SX also contains authentic electric piano and virtual tonewheel organ instruments, as well as an entire GM2-compatible sound set. Load and Play Standard MIDI files with the built-in MIDI File player. Onboard Rhythm and Arpeggiator functions are provided as well.

Progressive Hammer-Action Keyboard

The RD-700SX is equipped with Roland's top-of-the-line Progressive Hammer-Action Keyboard, which provides heavy-to-light response as you climb from low to high octaves, just like a real piano. Combined with a true hammer-action mechanism, the keyboard offers an incredibly natural response that feels and plays like a true grand.

Instant Access

With its front-panel sliders, large buttons, and backlit LCD, the RD-700SX is a fast and friendly instrument to pilot, especially for live performers who need instant, fumble-free access to sounds. The one-touch PIANO and E.PIANO buttons let you recall your favorite instrument sounds and edits — such as changes to the piano's String Resonance and Key Touch, or the E.Piano's Amp type. You can also switch entire groups of settings during a performance by selecting a Setup that you've edited and stored in advance; up to 100 Setups can be stored and instantly recalled.

Onboard Effects

Transform your sound with the RD-700SX's powerful twin multi-effects engines onboard. Among the many high-quality effects types are reverb, chorus, Sound Control (3-band compressor), and dedicated 3-band parametric EQ with adjustable frequency, Q, and gain for achieving the perfect custom-tailored sound. Dedicated knobs, buttons, and the large graphical display allow intuitive sound control.

Well Connected

The RD-700SX is fully equipped for the gigging professional. Both 1/4" and XLR outputs provide compatibility with all popular types of mixers and amplification systems. And for the utmost in performance expression, the RD-700SX offers inputs for damper pedals and two-function assignable foot pedals. Use the tandem MIDI outs and USB I/O for MIDI control and data backup/exchange. The RD-700SX's customizable Master Control features allow it to serve as the master for other MIDI instruments. And for audio/visual-minded musicians who want to "play" graphics (via Edirol video equipment), the RD-700SX is V-LINK compatible.

Sound Expansion

The RD-700SX offers an impressive 474 internal tones and 14 rhythm types, which can be expanded by adding two optional Roland SRX boards. Choose from an impressive lineup of SRX titles, including *Complete Orchestra, Big Brass Ensemble, World Collection, Platinum Trax,* and more.

RD-700SX Specifications

■ **Keyboard** 88 keys (Progressive Hammer Action Keyboard) ■ **Part** 16 Parts ■ **Maximum Polyphony** 128 voices ■ **Wave Memory** 128 M bytes (16-bit linear equivalent) ■ **Expansion Slots** Wave Expansion Board SRX Series: 2 slots ■ **Tones** Normal Tones: 208, Tonewheel Organ: 10, General MIDI 2 Tones: 256, Rhythm Sets: 5, General MIDI 2 Rhythm Sets: 9 ■ **Setups** 100 ■ **Flash Memory** Approx. 1 M Bytes (1000 K bytes) ■ **Effects** Multi-Effects: 2 systems, 125 types, Reverb: 6 types, Chorus: 3 types, Sound Control (3-band Compressor), 3-band Digital Equalizer ■ **Arpeggiator** 128 styles ■ **Rhythm Pattern** 185 patterns ■ **Controllers** Zone Level slider x 4 (Assignable), Equalizer knobs, Reverb knob, Chorus knob, Multi-Effects Control knob, Pitch Bend/Modulation lever ■ **Display** 128 x 64 dots graphic LCD (with backlit) ■ **Connectors** Headphones Jack: Stereo 1/4 inch phone type, Output Jacks (L/MONO, R): 1/4 inch phone type, Output Jacks (L, R): XLR type, Pedal Jacks (DAMPER, FC1, FC2): 1/4 inch TRS phone type, MIDI Connectors (IN, OUT1, OUT2, THRU), USB Connector (supports file transfer and MIDI), AC Inlet ■ **Power Supply** AC 117 V, AC 230 V or AC 240 V (50/60 Hz), AC 220 V (60 Hz) ■ **Power Consumption** 12 W ■ **Dimensions** 1,414 (W) x 374 (D) x 143 (H) mm, 55-11/16 (W) x 14-3/4 (D) x 5-11/16 (H) inches ■ **Weight** 24.5 kg / 54 lbs 1 oz ■ **Accessories** Owner's Manual, CD-ROM (RD USB Driver), Damper Pedal (DP-8), Power Cord ■ **Options** Wave Expansion Board: SRX Series, Pedal Switch: DP-2, Damper Pedal: DP-8, DP-10, Foot Switch: BOSS FS-5U, FS-6 (TRS phone jacks cannot be used.), Expression Pedal: EV-5, EV-7

* The specifications are subject to change without notice.

Power, Performance, and Portability

Developed simultaneously with the flagship RD-700SX, the RD-300SX provides the same stunning 88-note multisampled piano found in the flagship, plus 128-voice polyphonic performance, and expanded soundsets. Its feature set is pure heavyweight, but physically the RD-300SX is one of the lightest 88-note pianos in its class — a comfort to transport from gig to gig.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

- New stage piano with 88-key grand piano multisamples
- Compact Progressive Hammer-Action Keyboard
- Lightweight and portable
- 128-voice polyphony
- Onboard multi effects with 78 algorithms and 2-band EQ with dedicated knobs
- 32 Programable Setups allow instant recall of custom settings
- USB MIDI for easy connection to a PC or Mac
- Easy splits and dual; master keyboard control
- GM2-compatible sound engine onboard

No-Compromise Sound & Feel

With Roland's most powerful sound engine at its core, the RD-300SX delivers heavyweight specs in lightweight body. Sharing much in common with its high-end sibling, the RD-700SX, the RD-300SX offers 128-voice polyphony, 88-note individually sampled grand piano waveforms, and hundreds of additional sounds and rhythms — from jazz to techno.

Compact Progressive Hammer-Action

The RD-300SX features Roland's Compact Progressive Hammer-Action keyboard, which simulates a real grand piano by providing a heavier touch in the lower octaves that gets increasingly lighter in the upper range. This keyboard has many of the same design elements as Roland's acclaimed Progressive Hammer-Action Keyboard, but its keyboard-action mechanism is much more compact and lightweight.

Simple Navigation

Players will appreciate the RD-300SX's ease of operation and convenient hands-on controls. Dedicated buttons and knobs are provided for instant access to the piano sound, EQ settings, and dual/split keyboard setups. No searching through menus or submenus to find the most common functions; everything you need is within quick reach. Thanks to the handy Setup mode, you can quickly store and recall parameter changes with the touch of a button. A pitch bend/modulation lever has been added for expressive control. Operation is clean and streamlined so you can focus on playing, not programming.

High-Quality Effects

For subtle sweetening or complete transformation, the RD-300SX offers a wide lineup of 78 multi-effect types to choose from, plus independent effects such as reverb, 2-band digital EQ, and Sound Control. Add sparkle to your grand piano sound, deep-fry an electric piano, add depth and spatial movement to strings — the choices are vast.

Lightweight, Compact

It has an impressive, heavy-duty body (with sophisticated black brushed metal finish) but the RD-300SX is actually one of the lightest 88-note piano in its class. At less than 35 pounds (15.5kg), it's ultra easy to transport — yet built tough enough for the rigors of the road.

USB MIDI

Connect the RD-300SX to computers via USB port for one-cable MIDI communication. Standard MIDI in/out ports connectors are provided as well. Master, slave, or solo — the RD-300SX can be played as a standalone instrument, driven from other MIDI gear, or used as the master controller for an entire MIDI setup.

RD-300SX Specifications

■ **Keyboard** 88 keys (Compact Progressive Hammer Action Keyboard) ■ **Part** 16 Parts ■ **Maximum Polyphony** 128 voices ■ **Wave Memory** 64 M bytes (16-bit linear equivalent) ■ **Tones** Normal Tones: 70, General MIDI 2 Tones: 256, Rhythm Sets: 5, General MIDI 2 Rhythm Sets: 9 ■ **Setups** 32 ■ **Effects** Multi-Effects: 78 types, Reverb: 4 types, Sound Control, 2-band Digital Equalizer ■ **Rhythm Pattern** 185 styles ■ **Controllers** Zone Level slider x 2, Equalizer knobs, Pitch Bend/Modulation lever ■ **Display** 7 segments, 3 characters (LED) ■ **Connectors** Headphones Jack: Stereo 1/4 inch phone type, Output Jacks (L/MONO, R): 1/4 inch phone type, Pedal Jacks (DAMPER, CONTROL): 1/4 inch TRS phone type, MIDI Connectors (IN, OUT), USB Connector (MIDI), DC IN Jack ■ **Power Supply** DC 9 V (AC adaptor) ■ **Power Consumption** 11 W ■ **Dimensions** 1,408 (W) x 336 (D) x 134 (H) mm, 55-7/16 (W) x 13-1/4 (D) x 5-5/16 (H) inches ■ **Weight** 15.5 kg / 34 lbs 3 oz ■ **Accessories** Owner's Manual, CD-ROM (Roland Digital Piano USB Driver), Damper Pedal (DP-8), AC Adaptor (PSB-1U), Power Cord ■ **Options** Keyboard Stand: KS-12, Pedal Switch: DP-2, Damper Pedal: DP-8, DP-10, Foot Switch: BOSS FS-5U, FS-6 (TRS phone jacks cannot be used.), Expression Pedal: EV-5, EV-7

* The specifications are subject to change without notice.

Affordable Arranger for Global Pop

The GW-7 carves a unique path in the arranger-workstation market with its pop-focused sound set, clean and easy user interface, and ultra-affordable price. The workstation is well stocked with mainstream sounds and accompaniment styles for covering a wide range of contemporary pop genres. If you want to add additional styles and Standard MIDI files, the GW-7's USB port allows for quick and easy file transfer.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

- Affordable, friendly workstation with international-pop sounds and arrangements
- 61-key velocity sensitive keyboard, 64-note polyphony
- Over 850 Tones (GM2), 39 Drum Kits (GM2), 128 Performances
- 47 types of Multi-FX, 8 types of reverb, 8 types of chorus
- USB for transferring styles and SMF songs
- 16-track sequencer with Punch-In/Out
- D Beam for expressive realtime performance
- Bonus newly sampled ethnic instruments and authentic styles

EZ Operation

Whether you love or loathe technology, you'll find the GW-7 to be simple, straightforward, and inviting to use. No extensive knowledge of synthesis or sequencing is required to use this intuitive instrument. It's the perfect first-time workstation for standard pop, jazz, and world-music styles, but its sound quality and styles are rich and expressive enough to attract professionals as well.

Customizable Styles

The GW-7 comes equipped with a wide variety of pre-programmed Styles, which can be customized. In all, there are 101 Styles onboard, with 99 User memory locations. Choose from a trio of band types: Drum & Bass, Combo, and Full Band. You can also create your own compositions from scratch with the internal 16-track sequencer. 99 song locations are provided for storing your compositions and arrangements.

USB I/O

Connect the GW-7 to a computer or USB-equipped external device with one simple USB cable, and transfer data back and forth quickly and easily. Keep your GW-7 well stocked with fresh songs and Styles by loading new Styles and Standard MIDI Files. Save your compositions and arrangements via USB.

Expressive Performance Features

The GW-7 is made to be played. And not just on its keyboard, this workstation offers an invisible, front-panel D Beam (wave your hands over the beam to color your sound), plus a pitch-bend/modulation lever, and a pair of control knobs. Performers will appreciate the GW-7's large backlit LCD, especially on dark stages and dimly lit studio environments.

World Music Bonus

Ethnic instruments are plentiful in the GW-7. Many instruments have been newly sampled, and boast exceptional sound quality. Call up these expressive sounds and arrangements — programmed by top musicians — and instantly spice up your music!

GW-7 Specifications

■ **Keyboard** 61 keys (with velocity) **[Sound Generator]** ■ **Maximum Polyphony** 64 voices ■ **Parts** 16 parts + Keyboard part ■ **Wave Memory** 32 M bytes (16-bit linear equivalent) ■ **Preset Memory** Tones: 576 + 256 (GM2), Drum Sets: 37 + 9 (GM2), Performances: 101 ■ **User Memory** Tones: 128, Drum Sets: 16, Performances: 32 ■ **Effects** Multi-FX: 47 types, Reverb: 8 types, Chorus: 8 types ■ **Transpose** -12 to +12 **[Backing Track]** ■ **Tempo** 20 to 250 ■ **Tracks** 16 ■ **16-track Recorder Mode** 4 easy modes (ALL, Keyboard, Single, Punch In/Out) ■ **Preset Memory** Styles: 101 ■ **User Memory** Styles: 99 ■ **Songs** 99 ■ **Band Type** 3 levels: Drum & Bass, Combo, Full Band **[USB (Data transfer)]** ■ **Operating System** Windows: Windows 2000/Me/XP, Macintosh: Mac OS 9.0.4 or later, Mac OS X 10.0 or later ■ **Controllers** D Beam Controller: 1, Pitch Bend/Modulation Lever: 1, Control Knobs: 2 ■ **Display** Large backlit custom LCD ■ **Connectors** Output Jacks (L/MONO, R), Headphones Jack, MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack, USB Connector ■ **Power Supply** DC 9 V (AC Adaptor), Current Draw 1,000 mA ■ **Dimensions** 1,045 (W) x 320 (D) x 86 (H) mm, 41-3/16 (W) x 12-5/8 (D) x 3-7/16 (H) inches ■ **Weight** 5.0 kg / 11 lbs 1 oz (excluding AC adaptor) ■ **Accessories** Owner's Manual, AC Adaptor (ACI Series or PSB-1U) ■ **Options** Pedal Switch: DP-2, DP-8, Foot Switch: BOSS FS-5U, Expression Pedal: EV-5

* The specifications are subject to change without notice.

The Total Production Solution

Roland continues its expansion of the MV-8000 platform with the release of Version 3 software. With linear-based recording already established on the MV, now come the additions of Pattern and Drum Grid composing modes — giving you the best of both worlds. Also new is a built-in analog modeling synth-bass and Pix Jam, an innovative new feature that lets you load and trigger your own custom graphics. The MV-8000 also sports ultra-intuitive operation via external VGA and mouse, with an enhanced piano roll editor and visual editing of waveforms in the audio tracks.

*Product pictured is a prototype model. Actual product appearance may be subject to change.
*VGA monitor not included; shown only for photography purposes.

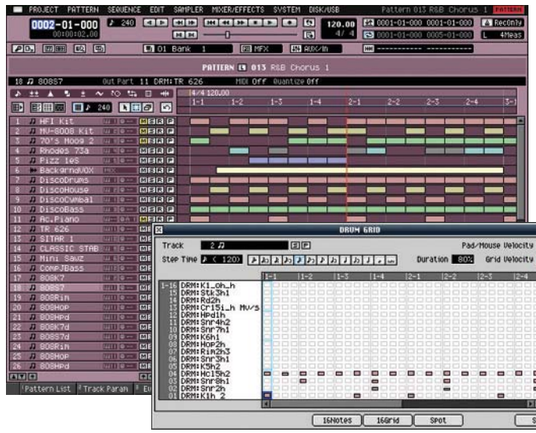
- Pattern-based composing mode now added
- Drum Grid for easy rhythm composing
- Powerful analog modeling synth-bass onboard
- Pattern-Play mode for spontaneous live performance
- Enhanced editing screens for MIDI and audio tracks
- Pix Jam feature for triggering custom graphics from the pads, or for sequencing graphics in time with music

From Start to CD

Since its inception, the MV-8000 has won favor with producers around the planet — especially in the R&B, hip-hop, and dance music camps. With its luxurious, tactile front panel covered in trigger pads, buttons, mixing sliders, and knobs, and with its ability to interface with an external video monitor for computer-like visual editing, the MV-8000 set a new standard in hardware-based music production. Today, as the feature set grows, the MV is poised to gain even more mass acceptance. From songwriting to editing, mixing to mastering and CD-burning, the MV-8000 is the premiere all-in-one studio solution.

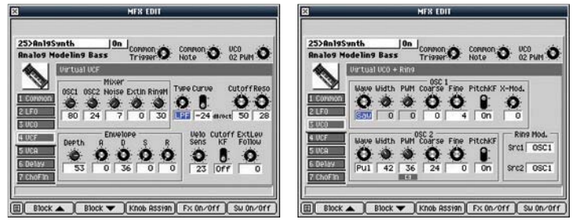
Pattern Compose

Producers have enjoyed the MV-8000's linear style of recording, but now they get the best of both worlds with the addition of pattern-based composing. Layer up to 64 tracks "drum machine-style" within each pattern, and chain up to 500 patterns together per project using the pads or via step writing. Layer up to 128 linear tracks with your patterns if you'd like. It's a composer's dream machine — pattern-style writing for the main grooves (drum machine-like) and linear style for the instruments and audio tracks (*á la* software). And don't overlook the handy Drum-Grid editor, which can be used to create beats in a familiar grid/matrix window.



Built-in Bass Synth

A bonus feature unique to the MV-8000 is its new internal analog-modeled bass synthesizer, which can be played from the MV's own trigger pads or via MIDI. With its two fat oscillators, multimode resonant filter, LFO, envelope follower, ring and cross modulation, delay, chorus, portamento, and more, this synth can inject serious style and spice into your productions.



Innovative Pix Jam

Load your own BMP/JPGs files into the MV-8000 and "play" them back on an external VGA monitor from the MV's pads, or sequence the graphics. Audio meets graphics for the utmost in expressive real-time performance!

MV-8000 Version 3 Specifications

■ **Max. Polyphony** 64 ■ **Parts** 16 (Patches) + 8 (Audio Tracks/Audio Phrases) + 1 (Audio Phrases) + 1 (Pattern Audio Track) **[Sampler Section]** ■ **Audio Data Format** 16-bit linear (24-bit processing) ■ **Sampling Frequency** 44.1 kHz (fixed) ■ **Wave Memory (RAM)** 128MB (expandable up to 512MB when internal memory is replaced with a 512MB DIMM), DIMM: 1 slot (168-pin, PC100 CL=2 or PC133 CL=3, 3.3 V, 128/256/512MB) ■ **Max. Sampling Time** 128MB DIMM installed (standard), mono: 24 min. approx. (stereo: 12 min. approx.), 512MB DIMM installed (expanded), mono: 100 min. approx. (stereo: 50 min. approx.) ■ **Effects** Multi-effects (MFX): 1 (24 types), Reverb: 1 (2 types), Chorus: 1 (4 types), Mastering Tool Kit: 1 (only in Mastering Mode) **[Sequencer Section]** ■ **LinerTracks** MIDI tracks: 128 (1 MIDI channel per track), Audio tracks: 8, Pattern track: 1, Tempo track: 1 ■ **Pattern Tracks** MIDI tracks: 64 (1 MIDI channel per track), Audio track: 1 ■ **Resolution** 480 TPQN ■ **Tempo** 5 – 300 ■ **Note Capacity** approx. 150,000 notes ■ **Song Length** 9,999 measures ■ **Pattern Length** 999 measures ■ **Recording Method** Event recording (Realtime / Step), Audio recording **[Others]** ■ **Project** Songs: 16, Patterns: 500, Patches: 16 (per Song), Partials: 96 (16 pads x 6 banks, per Patch), Samples: 9,999, Audio Phrases: 512 (16 pads x 32 banks), Patch Libraries: 128, MIDI Clips: 100, Multi-effects (MFX) Libraries: 125 (Preset 25, User 100), Chorus Libraries: 52 (Preset 2, User 50), Reverb Libraries: 54 (Preset 4, User 50), Mastering Tool Kit Libraries: 71 (Preset 21, User 50), Pix: 16 ■ **Signal Processing** AD Conversion: 24-bit, 64 times oversampling, DA Conversion: 24-bit, 128 times oversampling ■ **Display** 320 x 240 dots, graphic LCD (backlit) ■ **Pads** 16 Pads (Velocity and Aftertouch sensitive) ■ **Controllers** Effects control knobs: C1 - C3, Mixer sliders: 1- 8 ■ **Floppy Disk Drive** 3.5" Micro Floppy Disk 1.44MB (2HD), 720KB (2DD) ■ **Hard Disk Drive** 3.5", 40GB ■ **CD-R/RW Drive** Built-in type (CD-DA, CD-ROM, CD-R, CD-RW) ■ **Connectors** Phono Input: L, R (RCA phono type), MIC/Line input: L, R (1/4" TRS phone type), Master Output: L, R (1/4" TRS phone type), Headphones (Stereo 1/4" phone type), Digital Out Connector A (Coaxial) / B (Optical), MIDI (In, Out A, Out B), USB Connector (supports file transfer, mass storage class), Foot Switch (1/4" phone type), AC Inlet, *The following are available when the optional MV8-OP1 Audio I/O Expansion is installed: Analog Multi Output 1 – 6 (1/4" TRS phone type), Digital In Connector A (Coaxial) / B (Optical), R-BUS Connector (DB-25 type) ■ **Power Consumption** 40W (AC 117/230/240 V) ■ **Dimensions** 480 (W) x 482 (D) x 136 (H) mm (18-15/16" x 19" x 5-3/8") ■ **Weight** (excl. optional boards) 9.8 kg (21 lbs. 10 oz.) ■ **Accessories** Mixer Block Diagram, Sample Data CD-ROM, Backup CD-ROM, Shortcut Stickers, Short Pin ■ **Options** Audio I/O Expansion (MV8-OP1), VGA/Mouse Expansion (MV8-VGA), Foot Switch (FS-5U), Pedal Switch (DP-2)

* The specifications are subject to change without notice.

CD-2

CF/CD Recorder

Roland®

Recording & CD-Burning Made Simple

Whether your goal is to record audio and make CDs to present a performance or composition for evaluation, to advance your playing skills with the help of high-tech learning tools, to preserve and archive important audio, or to capture unforgettable moments like concerts or public events, the CD-2 will do the job quickly and simply — and with professional-quality results.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

- Versatile, easy-to-use audio recorder
- Direct-to-CD recording for fast, easy, professional results
- Record also to removable CompactFlash cards for long recording times
- Convenient utilities for music lessons and training
- Built-in stereo microphone and speaker for audio capture and playback
- Inputs for instruments and microphones
- Onboard pro-quality effects

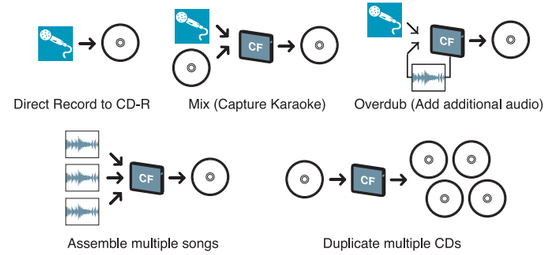
Easy Recording

Recording is a breeze on the CD-2. A high-quality stereo microphone is built in for top-grade, on-the-spot recording; additional mics can be plugged in as well. The CD-2 records directly onto CDs. So start playing, and as soon as you're done you'll have a finished, professional CD! For extra long recording times (complete concerts, church services, etc.), the CD-2 offers recording to popular card (CompactFlash) media, and supports up to 2 GB capacity for approximately six hours of recording time at 16 Bit/44.1 kHz linear mode.

Edit Your Recordings!

When recording to CompactFlash, your audio can be edited using functions such as Audio Level Adjustment, Song Erase, and Trim for cutting out silence between songs. Once you have everything the way you want, you can burn your performance directly to CD.

■ Various Recording Applications



Music-Training Support

Students will appreciate the CD-2's usefulness as an educational/practice tool, thanks to its built-in stereo speakers, speed/pitch control, tuner, and metronome. You can easily record lessons or musical passages, and play them back at a slower tempo while retaining the original pitch. Or change the pitch of the audio and play along in different key signatures. The CD-2 provides some great learning advantages for all levels of students.

Convenient Connections

The CD-2 makes it easy to get audio in and out. For ultra convenience, a stereo microphone is built-in, so all you have to do is point and shoot. Or, if desired, you can plug in external mics with the two XLR inputs, complete with phantom power. A pair of RCA inputs and outputs is provided for convenient connection to electronic piano, CD player or stereos; using the 1/4-inch inputs you can plug guitars, mics, and other instruments directly into the CD-2. And if you like, you can use the built-in guitar effects or reverb to greatly enhance your guitar or vocal sounds.

Onboard Effects

Enhance your recordings with the CD-2's lineup of professional audio effects, such as reverb, EQ, and compression. Make your recordings sound more ambient and lush, or punchy and crisp. Special tools are also provided for guitar and vocals, and the onboard Mastering effects help you put the final polish on your audio before you burn it CD. You won't believe how good your recordings can sound, and how friendly the CD-2's tools are to use.

■ Main Function List

CD Player	Repeat, Speed Control, Key control, Center Cancel
CD Recorder	Marker, Auto recording start, Erase (only CD-RW disc), Finalize, Un-finalize (only CD-RW disc)
CF Recorder	Marker function, Auto recording start, Erase, Rename, Trim, Divide, Wave converter Recording mode selection: WAV / STANDARD / LONG
CD Writing	Mastering tool
SMF Player	SMF Player (export to MIDI OUT), PianoDisc/QRS Player
Effects	Guitar or Bass guitar effects (Distortion, Reverb, Amp Simulation, etc.), Vocal effects (Echo, Reverb, Chorus, etc.), Dynamics (Comp., Exp., EQ, etc.)
Metronome	Count-in
Tuner	Chromatic Tuner
Utilities	CF Backup, CF Recover, etc.

CD-2 Specifications

■ **Signal processing** AD/DA Conversion: 24-bit, Sampling frequency: 44.1 kHz ■ **Removable Storage** CompactFlash, Up to 2 GB capacity (Optional), CD-R, CD-RW ■ **Recording time** Up to approx. 44 minutes on bundled 128 MB CF memory card *When Standard REC Mode is chosen. ■ **Display** 2 x 16 Character LCD with backlit (Blue Text / White backlit) ■ **Audio Rated power** 2 W + 2 W (Stereo) ■ **Speakers** 4 cm x 2.5 cm (1-5/8 inch x 1 inch) x 2 ■ **Microphone** Omni-directional back electret condenser Microphone x 2 ■ **Power Supply** AC Adaptor (PSB-3U) ■ **Dimensions** 304 (W) x 246 (D) x 74 (H) mm, 12 (W) x 9-11/16 (D) x 2-15/16 (H) inches ■ **Accessories** Owner's manual, AC Adaptor, AC Cord, CompactFlash card (128 MB), Blank CD-R x 1 ■ **Options** DP-2 Pedal Switch, FS-5U Footswitch (BOSS)

* The specifications are subject to change without notice.

Professional Quality in a Compact Kit

Great feeling, great sounding — the new V-Stage Series TD-12K makes the middle range of the V-Drums line feel like first class. With mesh V-Pads all the way around, the TD-12K lets drummers sink their sticks into the best-feeling pads in the business. The new TD-12 drum module is an upgrade from the previous TD-8, sharing the same stunning sound quality as the flagship TD-20.

TD-12K-BK

* Hi-hat stand and kick pedal not included and shown only for photography purposes.
* Connection cables are partially hidden for photography purposes.
* Actual product appearance may be subject to change.

- Great-feeling mesh drum pads all the way around the kit!
- New TD-12 COSM®-modeling drum module with ultra-intuitive operation via large LCD
- Same great sound quality as top-of-the-line TD-20
- Incorporates new VH-11 natural-feel floating hi-hat (mounts on optional hi-hat stand)
- Ultra-realistic playing feel, thanks to features such as snare/cymbal interval control (sound changes based on speed of strokes)
- Snare pad enlarged from 8" to 10", and featuring positional sensing
- New MDS-12BK Drum Stand with advanced gripping clamps on pipes and concealed cables
- Two color variations available (black and white models)

TD-12K-WT

TD-12K Components

TD-12K-BK

● TD-12	Percussion Sound Module x1
● PD-105BK	V-Pad™ x1
● PD-85BK	V-Pad x3
● VH-11	V-Hi-Hat™ x1
● CY-12R/C	V-Cymbal™ Ride/Crash x2
● KD-85BK	V-Kick Trigger Pad x1
● MDS-12BK	Drum Stand x1

TD-12K-WT

● TD-12	Percussion Sound Module x1
● PD-105WT	V-Pad x1
● PD-85WT	V-Pad x3
● VH-11	V-Hi-Hat x1
● CY-12R/C	V-Cymbal Ride/Crash x2
● KD-85WT	V-Kick Trigger Pad x1
● MDS-12BK	Drum Stand x1

* Hi-hat stand and kick pedal not included and shown only for photography purposes.
* Connection cables are partially hidden for photography purposes.
* Actual product appearance may be subject to change.

V-Pro™ Series White Model

Express Yourself with Color

The new V-Pro Series is available in two classic finishes: black and white — TD-20S-BK and TD-20S-WT, respectively.

TD-20K-WT

● TD-20	Percussion Sound Module x1
● PD-125WT	V-Pad x3
● PD-105WT	V-Pad x2
● VH-12	V-Hi-Hat x1
● CY-14C	V-Cymbal Crash x2
● CY-15R	V-Cymbal Ride x1
● KD-120WT	V-Kick Trigger Pad x1
● MDS-20BK	Drum Stand x1

* Snare stand, hi-hat stand and kick pedal not included and shown only for photography purposes.
* Connection cables are partially hidden for photography purposes.
* Actual product appearance may be subject to change.

TD-12 Percussion Sound Module

Unbeatable Sound

With the same stunning sound quality as the flagship TD-20, the new TD-12 drum module provides hundreds of expressive instruments and play-along sequences in a streamlined, affordable package. Many of the sounds in the TD-12, from drums to cymbals, are COSM modeled for the ultimate in expression and realism. The module provides the same large, icon-based LCD as its big brother (the TD-20), and is housed in a road-tough, metalic black chassis with a friendly array of buttons, controls, and mix sliders. Twelve trigger inputs are provided, plus four audio outputs and MIDI I/O.

Unrivaled V-Editing

Enjoy the dozens of expert-programmed kits in the TD-12 — from authentic acoustic sets to ultra-modern electronic flavors. But the fun doesn't stop there; customize your snare drum, toms, bass drum, and cymbals with the modeling-based V-Editing. Change sizes and materials, attach sizzles to cymbals, increase snare buzz, and more. Then get out your sticks and enjoy! The TD-12 supports positional sensing on the snare and ride, as well as on the toms when you play rimshots. The TD-12 is also brush compatible, and features the expressive Interval Control feature for the snare and ride/crash/china cymbal, which varies the sound in natural ways based on the speed of stroke repetition.

TD-12 Specifications

■ **Sound Generator** Variable Drum Modeling ■ **Maximum Polyphony** 64 Voices ■ **Instruments** Drum Instruments: 560 (172,161 variations), Backing Instruments: 262 ■ **Drum Kits** 50 ■ **Drum Kit Chains** 16 chains (32 steps per chain) ■ **Instrument Parameters** V-EDIT (KICK): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, (SNARE): Shell Material, Shell Depth, Head Type, Head Tuning, Muffling, Strainer Adjustment, (TOM): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, (HI-HAT): Cymbal Size, Fixed Hi-Hat, (CYM-BAL): Cymbal Size, Sizzle Type, Sustain, EDIT: Pitch, Decay ■ **Ambience Parameters** Room Type, Room Size, Wall Type, Mic Position, Room Shape ■ **Mixer Parameters** Volume, Pan, Minimum Volume, Output Assign ■ **Effect Types** Pad Equalizer (each pad), Pad Compressor (each pad), Multi-Effects: 5 types, Reverb (for backing part) ■ **Percussion Sets** 8 ■ **Sequencer** User Patterns: 100, Preset Patterns: 150, Parts: 6, Play Type: Oneshot, Loop, Tap, Tempo: 20 - 260, Resolution: 192 ticks per quarter note, Recording Method: Realtime, Maximum Note Storage: approx. 20,000 Notes, Click Instruments: 20 ■ **Connectors** Trigger Input Jacks x 12, Hi-Hat Control Jack, Master Output Jacks (L/MONO, R) 1/4" phone type, Direct Output Jacks (1, 2) 1/4" phone type, Headphones Jack (Stereo 1/4" phone type), Mix in Jack (Stereo 1/4" phone type), MIDI Connectors (IN, OUT/THRU) ■ **Output Impedance** 1.0 kΩ ■ **Power Supply** AC 117 V, AC 230 V, AC 240 V (50/60 Hz), AC 220 V (60 Hz) ■ **Power Consumption** 13 W ■ **Dimensions** 260 (W) x 248 (D) x 108 (H) mm, 10-1/4 (W) x 9-13/16 (D) x 4-1/4 (H) inches ■ **Weight** 2.3 kg / 5 lbs 2 oz ■ **Accessories** Owner's Manual, Power Cord

* The specifications are subject to change without notice.

VH-11 V-Hi-Hat

Realistic Feel, Streamlined Design

With eyes closed, drummers will think they're playing a regular two-piece hi-hat. But examine the innovative new VH-11 floating hi-hat, and you'll see that it's actually comprised of one floating cymbal pad atop a fixed lower base. Great for fast setup and easy transport, the VH-11 mounts on conventional hi-hat stands, and provides a similar playing feel to a 2-piece hi-hat. The VH-11 is fully compatible with Roland's TD-20, TD-12, and can be used with TD-10 w/TDW-1, TD-8, and TD-6.

PD-85BK/WT V-Pads

Rimshot-Ready Mesh Pads

The new 8" dual-zone V-Pads feature Roland's latest dual-triggering technology, resulting in more consistent and accurate sensing between the head and rim. Built tank-tough and ready to take a pounding, these new-generation pads are available in both black and white finishes with chrome bracket. When used as tom-toms for TD-20 and TD-12 sound modules, the pads let you play rimshots, and the sound will change depending on the strength of your stroke.

KD-85BK/WT V-Kick Trigger Pads

A New Rock-Solid Foundation

Sink your beater into this solid, great-feeling mesh kick pad. With improved pad cushioning for a better feel, and available in black or white finishes, the KD-85 can accommodate double bass pedals. Torture-tested for quality assurance, this new pad has the stamina and stability to handle the toughest poundings.

MDS-12BK Drum Stand

Solid, Stylish Drum Stand

Mount your V-Drums in style and stability with the MDS-12BK. Featuring Roland's sturdiest grip clamps, this rock-solid rack let's you play with confidence, knowing that your drum and cymbal pads will remain locked in position. For a clean appearance and quick setup, the cabling can be concealed inside the pipes. The MDS-12BK's open-leg design makes hi-hat placement more convenient, and its wide design lets you to easily expand your kit with additional drum, cymbal, and percussion pads. Optional PM-3 Satellite speakers can be mounted on the center poles without the need for boom clamps (speaker bases are required).

■ T-fitting

DAP-3 V-Drums Accessory Package

Essential Accessories for V-Drummers

This handy drum accessory package is especially suitable for entry-level V-Drums owners, allowing them to start playing their V-Drums right out of the box. Components include a kick pedal, drum throne, and a pair of drumsticks — all carrying the Roland logo and assurance of quality.

PM-10 Personal Monitor Amplifier

Solid, Portable Sound Reinforcement

Designed as a portable companion for Roland's V-Drums, the new PM-10 is equipped with a 30-watt amplifier and a 10" 2-way coaxial speaker. Its compact design is perfect for small-sized drum kits, such as the TD-3Kit and the TD-6KV. Jam along with your favorite songs by connecting an external CD or MP3 player to the Line In jack. Balance the V-Drums and the external audio with the dedicated volume controls; adjust the tone with the built-in 2-band EQ.

PM-10 Specifications

■ **Rated Power Output** 30 W ■ **Nominal Input Level/Input Impedance** V-DRUMS Input: 0 dBu / 20 kΩ, LINE Input: 0 dBu / 20 kΩ ■ **Speakers** 10 inch (250mm) Woofer + 3 inch (77mm) Tweeter (Coaxial, 2-way) ■ **Enclosure** Bass-reflex type ■ **Connectors** V-DRUMS Input Jack (Stereo 1/4 inch phone type), LINE Input Jack (Stereo 1/4 inch phone type) ■ **Power Supply** AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) ■ **Power Consumption** 36 W ■ **Dimensions** 364 (W) x 396 (D) x 352 (H) mm, 14-3/8 (W) x 15-5/8 (D) x 13-7/8 (H) inches ■ **Weight** 12 kg / 26 lbs 8 oz ■ **Accessories** Owner's Manual, Power Cord

* 0 dBu = 0.775 Vrms

* The specifications are subject to change without notice.

Rhythm Training with a Brain

Technology meets education in the most advanced, useful, and friendly rhythm-training instrument. The RMP-3 Rhythm Coach looks good, feels good, and is loaded with rhythmic exercises and timekeeping tools for you to practice with. With the pad and brain self-contained in one molded piece, this new rhythm trainer offers the utmost in portability and convenience.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

- Quiet, comfortable, adjustable 8" mesh head
- Built-in Rhythm Coach training features and metronome
- Large, onscreen tempo meter
- Built-in beeper and headphone output
- Internal pickup for monitoring your drumming through headphones
- Mix In jack for playing along with external audio (CD players, etc.)
- 5 metronome sounds to choose from
- One-piece design for convenience and portability

Feel & Features

The RMP-3 is outfitted with a great-feeling, tunable mesh pad for realistic and quiet performance. A small pickup is mounted inside the pad, enabling you to monitor your drumming through headphones, along with the metronome and coaching audio. You can play along to external audio as well, thanks to the Mix In jack. Position the RMP-3 on your lap, a tabletop, or mount it on a stand, such as Roland's PDS-2.

Rhythm Coach

As a free-standing practice pad, the RMP-3 is a pleasure to play, but it's the built-in Rhythm Coach that really makes this unit shine. When activated, the Rhythm Coach challenges drummers in a fun and friendly way with functions such as Time Check, Auto Up/Down, and the new "Stroke Balance" mode to help develop consistent stick technique.

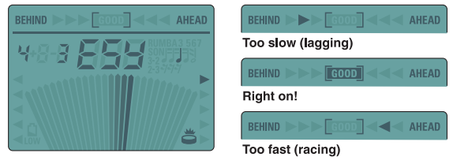
Audio/Visual

The RMP-3's large LCD provides easy-to-read instructional information, complete with a smooth-flow onscreen tempo meter that bounces from side to side. Large buttons and a clearly labeled front panel make using the RMP-3 a snap. It has a built-in speaker for the metronome sounds, or you can monitor your drumming, metronome, and internal audio through headphones if privacy is desired.

Your ability will increase rapidly with the Rhythm Coach function

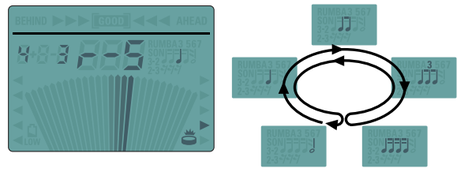
■ Time Check

In sync with the metronome, this exercise encourages you to strike the pad with accurate timing. The display informs how accurate your shot was in seven levels.



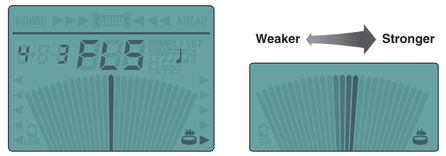
■ Rhythmic Notes

This provides basic training by changing the rhythm type every two measures. Particularly useful for pre-practice warm-up, this exercise helps you master the timing of various notes.



■ Stroke Balance

The display indicates how strong you play by using metronome needle. You can improve the balance and accent with both hands via visual assistance.



A mesh practice pad for realistic feel and quiet practice!

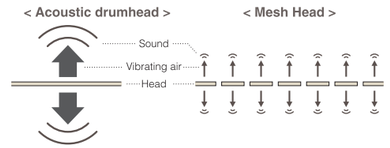
■ What is a mesh head?

Mesh drum pads have the distinct advantage of being quiet and realistic in feel. The secret is the material, woven from special fabric. This material is very durable, and provides a remarkably natural touch, just like an acoustic drum head. Now you can practice in silence without ever having to worry about sore wrists!

HEAD MADE BY REMO U.S.A.

Roland's patented mesh head was jointly developed with REMO USA, a top manufacturer of acoustic drum heads.

How it works.



When an acoustic drum head is struck, the surrounding air vibrates and a sound is produced. The harder it is struck, the more the head moves and the larger the sound. With a mesh head, the air is released from the gaps in the mesh fabric, so the surrounding air does not vibrate. This is what makes a mesh head so quiet.

RMP-3 Specifications

■ **Pad Size** 8 inch ■ **Panel Controls** Volume Knob x 1, Function Selection Switch x 5, Power Switch x 1 ■ **Tempo** Quarter Note: 20 to 260 ■ **Beat Types** 24 ■ **Rhythm Types** 18 ■ **Sounds** Pad Sound: 1 (can be tuned), Metronome: TBD ■ **Coach Mode** Menu: 5, Variation: 20 ■ **Connectors** Headphones/Output Jack x 1 (stereo mini type), Mix In Jack x 1 (mini type), AC Adaptor Jack x 1 ■ **Power** 006P (9V) or AC Adaptor (DC9V) ■ **Power Consumption** 50mA (Max) ■ **Screw for mounting on stands** M8 ■ **Dimensions** 263 (W) x 348 (D) x 78 (H) mm ■ **Weight** 1.2 kg (including battery) ■ **Accessories** Battery 006P (9V), Tuning Key ■ **Options** AC Adaptor (PSA Series), Pad Stand (PDS-2)

* The specifications are subject to change without notice.

New-Generation Amps for Better Bass

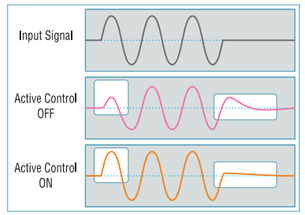
Bass amp technology takes a big stride forward with the new D-Bass series. Roland's newest and most advanced bass amplifiers employ proprietary FFP™ with Active Speaker Control technology for lightning-fast response and ultra high-quality bass tone. Two combo-type models (210 and 115) offer different wattages and speaker configurations to accommodate a variety of needs and tastes. A powered extension speaker (model 115X) adds another layer of punch for performers who play larger venues.

*Products pictured are prototype models. Actual product appearance may be subject to change.

- Built with FFP with Active Speaker Control technology for super high-quality sound, power, and efficiency
- COSM® preamp models, including Modern, Vintage, and Super Flat
- Tube Logic function produces the fat and natural compression of tube amps
- 4-band EQ with dedicated Tweeter Control knob
- Passive/active input and dedicated piezo input also built in — Perfect for any type of bass sounds
- Rock-solid construction, but lighter overall weight to ease the burden of transportation
- High-performance neodymium-based speaker
- Matching 115X powered satellite cabinet provides 300 watts of extra power and punch — looks great too!

FFP Upgraded with Active Speaker Control

To achieve their high-quality sound and amazing performance, the new D-Bass amps employ breakthrough Roland technology: FFP incorporating Active Speaker Control. FFP (Feed Forward Processing) is a DSP-based process that analyzes incoming signal and maximizes it before it hits the speaker. By utilizing Active Speaker Control, FFP allows the D-BASS to faithfully reproduce the incoming signal of the original bass, thereby controlling its speaker movement to reproduce the same input signal as closely as possible. This "true input matching" technology allows lower string sounds to be much clearer, and the overall feel to be more direct than with other bass amplifiers. A technology exclusive to Roland amps, FFP provides a marked increase in speaker efficiency, loudness boost, and overall perceived power.



Road Tough, Light Weight

Don't let their lighter-than-average weight fool you. These amps are tough as nails and built for the road. Equipped with high-performance/low-weight neodymium speaker magnets, each new D-Bass amp is a performance powerhouse that's a joy to transport. Industrial-strength, smooth-rolling casters make the job of getting from gig A to B even easier.

COSM Preamps

Equipped with Vintage, Modern, and Super Flat COSM preamp models, the D-Bass 210 and 115's COSM preamps can deliver a range of great tones beyond that of a traditional analog bass amp. With the simple, analog-style controls, you can control your sound quickly and easily. Roland's unique "Super Flat" setting reproduces the bass guitar's original sound characteristic without coloration. Its fat and clear characteristic is also perfect for the piezo sound of upright bass. Detailed sound adjustments are possible with the 4-band EQ, including a dedicated Tweeter Control knob.

Two Compression Types

Both 210 and 115 D-Bass amps are equipped with a pro-quality solid-state compression, plus a Tube Logic section. Derived from Roland's BluesCUBE, the newly improved Tube Logic produces the type of fat and natural compression associated with vintage tube amps. No matter how razor-sharp the tone, Tube Logic can dunk it in a liquid-warm bath.

Satellite Power

Need more beef? Add a D-Bass 115X powered speaker cab. Designed to be a perfect match electronically and physically for the D-Bass 210 or 115, the 115X provides 300 crushing watts of add-on power for the extra volume and punch required by larger venues and stages. The 115X has a switch for Full Range or Sub Woofer mode, affording players the flexibility they need to maximize their rigs from stage to stage.

■ D-Bass 210/115 Front Panel

■ D-Bass 210/115 Rear Panel

■ D-Bass 115X Control Panel

D-BASS 210/115/115X Specifications

[Model 210] ■ **Output Power** 400W (160W+160W+80W), BI-AMP Structure ■ **Speakers** 10 inch SP x 2 / Tweeter ■ **Connectors** INPUT (PIEZO, NORMAL) jacks (1/4" phone type), PHONES jack (1/4" phone type), BALANCED OUT jack (XLR type), TUNER OUT jack (1/4" phone type), EFFECT (SEND, RETURN) jacks (1/4" phone type), LINE OUT jack (1/4" phone type), SUB OUT jack (1/4" phone type), FOOT SW (MUTE) jack (1/4" phone type) ■ **Knobs** GAIN, TYPE, COMPRESSION, BASS, MIDDLE, FREQUENCY, TREBLE, TWEETER, EFFECT BLEND, VOLUME ■ **Switches** PICKUP TYPE, SHAPE, MODE, MUTE, GND LIFT, SELECT, POWER ■ **Dimensions** 595.4 (W) x 409 (D) x 625.7 (H) mm, 23-1/2 (W) x 16-1/8 (D) x 24-11/16 (H) inches (incl. casters) ■ **Weight** 23.0 kg, 50 lbs. 12 oz. ■ **Accessories** Owner's Manual, Casters **[Model 115]** ■ **Output Power** 300W (200W+100W), BI-AMP Structure ■ **Speaker** 15 inch SP x 1 / Tweeter ■ **Connectors** INPUT (PIEZO, NORMAL) jacks (1/4" phone type), PHONES jack (1/4" phone type), BALANCED OUT jack (XLR type), TUNER OUT jack (1/4" phone type), EFFECT (SEND, RETURN) jacks (1/4" phone type), LINE OUT jack (1/4" phone type), SUB OUT jack (1/4" phone type), FOOT SW (MUTE) jack (1/4" phone type) ■ **Knobs** GAIN, TYPE, COMPRESSION, BASS, MIDDLE, FREQUENCY, TREBLE, TWEETER, EFFECT BLEND, VOLUME ■ **Switches** PICKUP TYPE, SHAPE, MODE, MUTE, GND LIFT, SELECT, POWER ■ **Dimensions** 595.4 (W) x 409 (D) x 674 (H) mm, 23-1/2 (W) x 16-1/8 (D) x 26-9/16 (H) inches (incl. casters) ■ **Weight** 25.0 kg, 55 lbs. 2 oz. ■ **Accessories** Owner's Manual, Casters **[Model 115X]** ■ **Output Power** 300W (200W+100W), BI-AMP Stucture ■ **Speaker** 15 inch SP x 1 / Tweeter ■ **Connectors** INPUT jack (1/4" phone type), SUB OUT jack (1/4" phone type) ■ **Knobs** (FULL RANGE) TWEETER, (SUB WOOFER) FREQUENCY, (MASTER) VOLUME ■ **Switches** MODE, POWER ■ **Dimensions** 595.4 (W) x 513.7 (D) x 581.5 (H) mm, 23-1/2 (W) x 20-1/4(D) x 22-15/16 (H) inches (incl. casters) ■ **Weight** 25.0 kg, 55 lbs. 2 oz. ■ **Accessories** Owner's Manual, Casters

* The specifications are subject to change without notice.

BR-1200CD

Digital Recording Studio

BOSS

Versatile, Feature-Packed Portable Studio

From guitar pick to compact disc, the BR-1200CD can turn your ideas into radio-quality songs with power and ease. Packed with great COSM® effects and amp models derived from BOSS's GT-6/6B multi-effects processors, plus a great-sounding bass and drum rhythm programmer for instant backing tracks, the BR-1200CD is the friendliest and most comprehensive hard disk recorder on the market.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

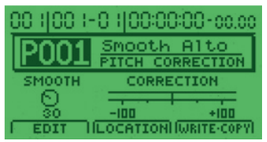
- Built-in CD-burner and mastering effects for CD-quality mixes
- 12 simultaneous playback tracks (192 V-Tracks) with individual Comp/EQ
- 2 individual XLR inputs with phantom power, digital output
- GT inside! Famous BOSS GT-6 Guitar and Bass effects engine built in for unsurpassed signal processing
- Vocal Toolbox provides pitch correction and harmony generator for true pro vocal processing
- COSM Mic and Amp models offer incredible hardware simulation
- Backing band built in — programmable drum/bass pattern generator with 600 patterns and EZ compose feature for super fast drum and bass pattern creation
- Easy importing of stereo drum loops with Automatic Tempo Matching feature
- Internal hard drive can store up to 120 hours of uncompressed music
- USB port for data backup to computer, plus importing/exporting WAV files

Hassle-Free Recording & CD Burning

Fly from point A to B in record time, thanks to the BR-1200CD's logical arrangement of buttons, knobs, and faders, and its inviting icon-based user interface. Recording, mixing, and CD burning is simple. To record, simply connect an instrument or microphone (XLR inputs with phantom power are provided), and follow the logical flow of controls on the left side of the panel. Use the fader pack in the middle to mix, and press the "Audio CD Write/Play" button to jump to the CD Burning menu.

Multi-Effects & COSM Models

From full dunk to subtle sweetening, the BR-1200CD is equipped with a powerful multi-effects processor derived from the famous BOSS GT-6/GT-6B. A lineup of COSM amp models are in the lineup, including the world standard Roland JC-120 Jazz Chorus™, R-Flier Vintage, Metal Stack, BOSS Compact Pedal models such as OD-1 and MT-2, and more. Also onboard — COSM Mic Models, which emulate expensive condenser mics. Correct pitch and add hamornies with the Vocal Tool Box, and for the finishing touch, tap into the Mastering Tool Kit to put a pro-quality polish on your track.



Backing Band Built In

Another distinguishing feature of the BR-1200CD is its world-class bass and drum programmer, packed with instruments and patterns to suit a variety of styles. Realistic acoustic drums and percussion are included, as well as many electronic sounds to compose modern hybrid type of music. For bass, you can choose from a variety of bass sounds, such as slapped basses, picked basses, and fretless basses. Jam along with the supplied patterns or create your own from scratch. The EZ Compose feature makes ultra-realistic custom programming a snap. There's also a selection of great loop phrases pre-installed on the internal hard drive.

Computer Connection

The BR-1200CD has a USB port for simple, one-cable data exchange with your computer. You can export audio tracks to your computer in WAV format, and safely save backups of your song data. If you have WAV files you would like to use, you can import them to the BR-1200CD's tracks via USB as well. The BR-1200CD is compatible to both PC and Mac, including Mac OS X.

BR-1200CD Specifications

■ **Tracks** Track: 12 V-Track: 192 (16 V-Tracks per each Track) * Up to 2 tracks can be recorded simultaneously, and up to 12 tracks can be played back simultaneously. ■ **Maximum Useful Capacity/Recording Time** Internal Hard Disk: 40 G bytes (recording time; 120 hours) (conversion in one track) * The above-listed recording time is approximate. Times may be slightly shorter depending on the number of songs and size of imported loop phrase that were created. * The above-listed recording time is the total for all the tracks that are used. If each of the sixteen tracks contain an equal amount of data, the length of the resulting song will be approximately 1/12 of the above. ■ **Signal Processing** AD Conversion: 24 bit, AF Method (Guitar/Bass), 24 bit, ΔΣ Modulation (VOCAL), 24 bit, ΔΣ Modulation (MULTI-TRACK), 24 bit, ΔΣ Modulation (STEREO TRACKS), DA Conversion: 24 bit, ΔΣ Modulation, Internal Processing: 24 bit (digital mixer section), Recording Data: 16 bit linear ■ **Sample Rate** 44.1 kHz ■ **Frequency Response** 20 Hz–20 kHz (+1/-3 dB) ■ **Total Distortion** 0.05 % or less (INPUT SENS : CENTER, 1 kHz at nominal output level) ■ **Nominal Input Level (Variable)** GUITAR/BASS jack: -20 dBu, MIC 1–2 jacks (TRS Balanced/ XLR): -40 dBu, LINE IN jacks: -10 dBu ■ **Input Impedance** GUITAR/BASS jack: 1 MΩ, MIC 1–2 jacks (TRS Balanced/ XLR): 12.5 kΩ (HOT-COLD), 6.5 kΩ (HOT-GND, COLD-GND), LINE IN jacks: 22 kΩ ■ **Nominal Output Level** LINE OUT jack: -10 dBu ■ **Output Impedance** LINE OUT jack: 2 kΩ, PHONES 1, 2 jack: 100 Ω ■ **Recommended Load Impedance** LINE OUT jack: 20 kΩ or greater, PHONES 1, 2 jack: 8 to 50 Ω ■ **Residual Noise Level** LINE OUT jack: -87 dBu or less, (INPUT SELECT: GUITAR/BASS, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ.) ■ **Interface** DIGITAL OUT: S/PDIF 16 to 24 bit (optical type), USB connector (B type) ■ **Display** 64 x 40 mm (Backlit LCD) ■ **Connectors** MIDI IN connector, MIDI OUT connector, USB connector, DIGITAL OUT connector (optical type), FOOT SW jack (1/4 inch phone type), EXP PEDAL jack (Stereo 1/4 inch phone type), LINE OUT jacks (RCA pin type), INPUT 1 to 2 jacks (unbalanced, 1/4 inch phone type), MIC 1 to 2 jacks (XLR balanced), PHONES jack (Stereo 1/4 inch phone type), GUITAR/BASS jack (1/4 inch phone type) ■ **Power Supply** DC 12 V; Supply AC Adaptor (Roland PSB-3U) ■ **Power Consumption** 3.0 A ■ **Dimensions** 478 (W) x 297 (D) x 95 (H) mm, 18-7/8 (W) x 11-3/4 (D) x 3-3/4 (H) inches ■ **Weight** 4.1 kg / 9 lbs 1 oz (Excluding AC Adaptor) ■ **Accessories** AC Adaptor: PSB-3U, Owner's Manual, CD-ROM "DISCRETE DRUMS" ■ **Options** Expression Pedal: EV-5 (Roland), Foot Switch: FS-5U, Pedal Switch: DP-2 (Roland)

* 0 dBu = 0.775 Vrms

* The specifications are subject to change without notice.

BR-900CD

Digital Recording Studio

BOSS

The Small-but-Mighty Studio with Built-in Burner

The BR-900CD the musician's portable dream studio. It's road tough, fun to use, and it performs far beyond its weight class. This reliable all-in-one digital recorder stands out with its professional effects, realistic drum-pattern generator, vocal-correction and Mastering Tool Kit, digital output, and internal CD burner. No matter where you are — in your home studio or on the road — all you'll need is a BR-900CD, and you can write, record, edit, mix, master, and burn a complete polished CD anywhere, anytime.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

- Built-in CD-burner and Mastering Tool Kit
- 8 simultaneous playback tracks, 2 simultaneous recording tracks with 8 V-tracks (64 V-Tracks total)
- 2 XLR inputs with phantom power, plus 1/4" and RCA inputs, and digital out
- Pitch correction, chorus, delay, reverb, EQ, and other great BOSS-quality effects
- Programmable drum generator with 294 patterns, plus Tone Load function for custom beats
- Record direct to Compact Flash (128MB card included; record up to 624 minutes with optional 1GB card)
- Record deirect to CD-R/RW
- USB port for data backup to computer, plus importing/exporting WAV files
- Runs on batteries or AC power

The Best Gets Better

With the same reliable and ultra-friendly operation as BOSS's highly popular BR-864, the BR-900CD takes three big steps forward by increasing the front-panel fader count from four to eight, and adding a built-in CD-RW drive and Pitch Correction to the feature set. The BR-900CD is compatible with CompactFlash cards up to 1GB capacity, which provides up to 624 minutes of record time (standard mode) in one shot. Even with all of these great new features, the unit's footprint remains small for ease of travel.

Stellar Studio Effects

Proudly displaying the BOSS logo, the BR-900CD offers a lineup of quality effects that are worthy of the legendary name. In addition to the time-tested standards (reverb, EQ, chorus, delay), you'll find additional pro-quality effects, such as vocal pitch-correction, intelligent harmony, bass simulation, pedal wah, COSM®-powered guitar amp and compressor models, and mastering tools.

■ COSM Preamp Type

GUITAR							BASS
JC-120	CRUNCH	VO DRV	BG LEAD	MS(2)	SLDN	METAL D	AC
CLEAN	MATCH	BLUES	MS(1)	MS(1+2)	METAL		AMG

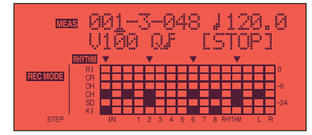
■ COSM Comp/limiter Type

BOSS-Cmp	D-Comp	Rack160	VtgRack

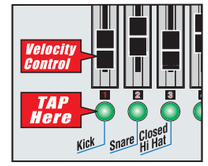
Rhythm Programmer Onboard

Songwriters will love the BR-900CD's built-in rhythm programmer, packed with 294 expressive patterns. Use these realistic backing tracks as inspiration for both writing and recording. You can even customize your own beats using the handy Tone Load function.

■ Step Recording



■ Realtime Recording



USB Spoken

Connect the BR-900CD to the outside world with one convenient USB connection. Import and export audio files and song data quickly and easily. Need to add some drum loops or vocal samples to your song? Simply drag and drop your favorite WAV files from USB-equipped computer directly into the BR-900CD. Conversely, you can export audio that you've created internally on the BR-900CD to computers.

BR-900CD Specifications

■ **Tracks** Track: 8 V-Track: 64 (8 V-Tracks per each Track) * Up to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously. ■ **Maximum Useful Capacity** CompactFlash card: 32 MB to 1 GB ■ **Data Type** HiFi (MT2), Standard (LV1), Long (LV2) ■ **Signal Processing** AD Conversion: 24 bit, ΔΣ Modulation + AF-AD (Guitar/Bass), 24 bit, ΔΣ Modulation + AF-AD (Mic), 24 bit, ΔΣ Modulation (Line), 24 bit, ΔΣ Modulation (Simul), DA Conversion: 24 bit, ΔΣ Modulation, Internal Processing: 24 bit (digital mixer section) ■ **Sample Rate** 44.1 kHz ■ **Frequency Response** 20 Hz–20 kHz (+1/-3 dB)

■ **Recording Time (1 track)**

	32 MB	64 MB	128 MB	256 MB	512 MB	1 GB
HiFi (MT-2)	16 min	32 min	65 min	130 min	260 min	520 min
Standard (LV1)	19 min	39 min	78 min	156 min	312 min	624 min
Long (LV2)	24 min	49 min	98 min	196 min	392 min	784 min

*The above-listed recording times are approximate. Times may be slightly shorter depending on the number of songs that were created.
*The above number is the total for all the tracks that are used. If each of the eight tracks contain an equal amount of data, the length of the resulting song will be approximately 1/8 of the above.

■ **Nominal Input Level (Variable)** GUITAR/BASS jack: -20 dBu, MIC 1/2 jacks (TRS Balanced/ XLR): -40 dBu, LINE IN jacks: -10 dBu ■ **Input Impedance** GUITAR/BASS jack: 1 MΩ, MIC 1/2 jacks (TRS Balanced/ XLR): 1.5 kΩ (HOT-COLD), kΩ (HOT-GND, COLD-GND), MIC 2 jack (unbalanced 1/4 inch phone): 1.0 kΩ, LINE IN jacks: 10 kΩ ■ **Nominal Output Level** LINE OUT jack: -10 dBu ■ **Output Impedance** LINE OUT jack: 2 kΩ, PHONES jack: 140 Ω ■ **Recommended Load Impedance** LINE OUT jack: 20 kΩ or greater, PHONES jack: 32 to 100 Ω ■ **Residual Noise Level** LINE OUT jack: -85 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ., Effect: Off) ■ **Interface** USB connector, DIGITAL OUT (optical type) ■ **Display** 16 Characters x 2 Lines + Approx. 100 icons (Backlit LCD) ■ **Connectors** GUITAR/BASS jack (1/4 inch phone type), MIC 1 jack (XLR balanced, TRS Balanced), MIC 2 jack (XLR balanced, unbalanced 1/4 inch phone), LINE IN jacks (RCA pin type), LINE OUT jacks (RCA pin type), DIGITAL OUT connector (optical type), FOOT SW/ EXP PEDAL jack (1/4 inch phone type), PHONES jack (Stereo 1/4 inch phone type), MIDI OUT connector, USB connector ■ **Power Supply** DC 9 V; Supplied AC Adaptor, Dry Batteries x6 ■ **Current Draw** 300 to 900 mA * Expected battery life under continuous use: Alkaline: 4 hours, These figures will vary depending on the actual conditions of use. ■ **Dimensions** 351 (W) x 225 (D) x 69 (H) mm, 13-7/8 (W) x 8-7/8 (D) x 2-3/4 (H) inches ■ **Weight** 4.1 kg / 4 lbs 14 oz (Excluding AC Adaptor) ■ **Accessories** AC Adaptor: PSC-Series, Owner's Manual, Demo Card ■ **Options** Expression Pedal: FV-300L, EV-5 (Roland), Foot Switch: FS-5U, Pedal Switch: DP-2 (Roland), Stereo Headphones: RH-200 (Roland)

* 0 dBu = 0.775 Vrms
* The specifications are subject to change without notice.

GT-Pro

Guitar Effects Processor

BOSS

2 Tons of Tone in a Rack

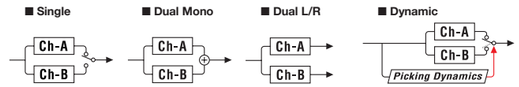
Plug into BOSS's most powerful rack processor ever. With a dual COSM® effects engine and an expansive I/O section that includes XLR outputs, three sets of send/returns, and a USB port for data exchange and audio flow, the new GT-Pro is the perfect front-end for driving a wall of powered cabinets or for direct, pro-grade recording applications. Whether on stage or in the studio, you'll be amazed at how much power and performance this top-quality rack has to offer.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

- BOSS's most powerful rack processor for stage and studio!
- Expanded pro-grade I/O section with XLR outs, three sets of send/returns, and a variety of control jacks
- Dual COSM Amp engines allows true two-channel operation
- Amp channels can be switched, layered, or panned in real-time; Dynamic mode allows channel switching based on picking dynamics
- 200 preset patches and 200 user patches; 44 effects categories, up to 15 simultaneous FX blocks
- User configurable effect chain; any effect can be in any order in the signal path
- Solo Switch on the COSM amp section for instant lead tone
- Amp Control jack for switching external guitar amp channels
- 24-bit converters and coaxial digital output for high-resolution recording
- Perfect for PC/Mac-based recording and patch management via single USB connection

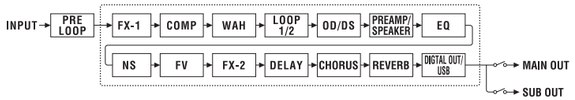
Dual COSM Amp Power

With its dual COSM amp-modeling engine, the GT-Pro allows you to construct towering tones by combining any two of the 46 amp models — then layer, switch, or pan between them as your play. Amp channels can even be controlled according to how hard you play (picking dynamics). In addition, no matter which amp model you've selected, you can instantly access a companion lead tone with the Solo Switch. It's like having a separate solo channel for every COSM amp model!



BOSS's Best Multi-FX

Looking for BOSS's best effects? You'll find them here. As the top of GT line, the GT-Pro provides 44 effects categories, with 200 preset- and 200 user-patch locations. Choose from compressors, overdrives, delays, reverbs, choruses, EQs, wahs, and dozens of other BOSS-quality effects — there's even a sitar and acoustic guitar emulator onboard. The GT-Pro also impresses with its ultra-flexible effects routing. Internally, the 15 effects blocks can be configured in any order you desire; externally, a trio of effects loops plus an array of assignable outputs enables the most flexible signal-routing configurations. Used as a rackmount guitar preamp, the GT-Pro crushes the competition with its advanced internal effects and routing flexibility.



■ FX1/FX-2

ADV COMP	TREMOLO	RING MOD	HUMANIZER
LIMITER	PHASER	SLOW GEAR	SLICER
T-WAH	FLANGER	DEFRETTER	WAVE SYNTH
AUTO WAH	PAN	SITAR	SUB EQ
TONE MODIFY	VIBRATO	FEED BACKER	
GUITAR SIM	UNI-V	ANTI FEEDBACKER	

■ FX2

HARMONIST	AUTO RIFF
PITCH SHIFTER	GUITAR SYNTH
PEDAL BEND	AC PROCESSOR
OCTAVE	SOUND HOLD
ROTARY	SUB DELAY
2X2 CHORUS	

Pro Connectivity

Drive your tone in luxury through the GT-Pro's top-grade circuitry and balanced outputs. Thanks to its improved signal-to-noise ratio, the GT-Pro offers an incredibly pure signal path. Use the built-in ground-lift switch to keep your signal clean, no matter the stage or studio environment. If you wish to add some serious settings for the stage environments, you can split the signals independently to a couple of guitar amps with the stereo Sub Outs. I/O flexibility is the name of the game with the GT-Pro, as it also provides four 1/4-inch analog audio outputs, a pair of balanced XLR outputs, and three pairs of effects send/returns.

Digital Recording & Patch Management

No matter how simple or complex your recording needs are, the GT-Pro has the tools you need to get pro-quality results. For pristine, high-resolution recording, plug into the 24-bit coaxial output — the routing of which is user-definable. In recording situations, you could set up multiple signal paths — one for the recording input, for example, one for your private monitor, and another to the digital out in the signal path, independent of the loop out and main outs. For one-cable patch management, a USB port is provided for connecting the GT-Pro to a computer of your choice; the GT-Pro comes with Mac/PC editor/librarian software at no additional cost. In addition, the GT-Pro provides USB-Audio functionality.

GT-Pro Specifications

■ **AD Conversion** 24-bit + AF method ■ **DA Conversion** 24-bit ■ **Sampling Frequency** 44.1 kHz ■ **Program Memories** 400: 200 (User) + 200 (Preset) ■ **Nominal Input Level** PRE LOOP RETURN: -10 dBu, LOOP 1/2 RETURN: -10 dBu/+4 dBu ■ **Input Impedance** INPUT: 1 MΩ, RETURN: 220 kΩ ■ **Nominal Output Level** MAIN OUT/SUB OUT: -10 dBu/+4 dBu, SUB OUTPUT XLR: +4 dBu, PRE LOOP SEND: -10 dBu, LOOP 1/2 SEND: -10 dBu/+4 dBu ■ **Output Impedance** MAIN OUT/SUB OUT: 2 kΩ, SUB OUTPUT XLR: 600Ω, PRE LOOP SEND: 2 kΩ, LOOP 1/2 SEND: 2 kΩ ■ **Digital Output** EIAJ CP1201, S/P DIF ■ **Dynamic Range** 100 dB or greater (IHF-A) ■ **Display** 16 characters, 2 lines (backlit LCD), 2 characters, 7 segment LED, INPUT PEAK INDICATOR ■ **Connectors** FRONT PANEL: INPUT jack, PHONES jack, REAR PANEL: INPUT jack, TUNER OUT jack, MAIN OUTPUT jacks L (MONO)/R, SUB OUTPUT jacks L (MONO)/R, SUB OUTPUT XLR CONNECTOR L/R, XLR GROUND LIFT SW, PRE LOOP SEND jack, PRE LOOP RETURN jack, LOOP 1 SEND jack, LOOP 2 SEND jack, LOOP 1 RETURN jack, LOOP 2 RETURN jack, AMP CONTROL 1 jack, AMP CONTROL 2 jack, EXP PEDAL 1 jack, CTL PEDAL1,2 jack, EXP PEDAL 2/CTL PEDAL3,4 jack, DIGITAL OUT connector (coaxial), USB Connector, MIDI connectors IN/OUT/THRU ■ **Power Supply** AC117V, 230V or 240V ■ **Dimensions** 482 (W) x 305 (D) x 89 (H) mm, 19 (W) x 12-1/16 (D) x 3-9/16 (H) inches ■ **Accessories** Owner's Manual, USB cable, GT-PRO Software CD-ROM ■ **Options** MIDI Foot Controller: FC-200, GFC-50, Foot Switch: FS-5U, FS-5L, Dual Foot Switch: FS-6, Expression Pedal: EV-5 (Roland), FV-300L, Foot Switch Cable: PCS-31 (Roland)

* 0 dBu = 0.775Vrms

* The specifications are subject to change without notice.

BOSS's Flagship Multi-Effects Floor Processor

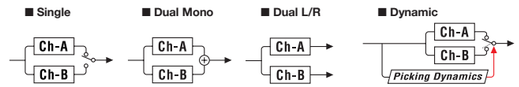
Double your power with BOSS's new GT-8 floor-based mega processor. Loaded with twin COSM® modeling engines, it brings unprecedented performance and tonal control to the stage and studio. The Dual COSM amp section provides two discrete amp channels; you can layer and manipulate each engine independently to create wildly expressive sounds. Thanks to the Solo Switch function, lead sounds can be immediately activated — perfect for ripping through the mix. BOSS's mega-popular GT-6 was a smash hit with guitarists, now the GT-8 is destined to become the go-to box for gigging and recording guitarists alike.

*Product pictured is a prototype model. Actual product appearance may be subject to change.

- BOSS's most powerful floor-based processor!
- Dual COSM Amp engine allows two different amp types to be assigned to the two channels
- Amp channels can be switched, layered, or panned in real-time; Dynamic mode allows channel switching by picking dynamics
- 200 stunning preset patches and 140 user patches; 44 effects categories, up to 13 simultaneous FX blocks
- User configurable effect chain; any effect can be in any order in the signal path; independent External Effects loop section for inserting external effects anywhere in the signal patch
- Solo Switch on the COSM amp section for instant lead tone
- Amp Control jack for switching external guitar amp channels
- 24-bit converters and coaxial digital output for high-resolution recording applications

Dual COSM Amps

The GT-8 boasts the latest top-quality COSM amp models with complete dual channel configuration. Explore new sonic dimensions by combining two amp models, or by switching between them during performance. Select a high-gain amp such as Metal Stack and set it for deadly distortion. Then add clarity to the raw power by using the Smooth Drive model on the other channel. Prepare to be impressed as you tap into the expressive Dynamic mode, where two channels can be controlled based on picking strength. Transition smoothly from clean to mean by simply picking harder or softer.



Solo Switch

Step into the spotlight with the new Solo Switch feature. Each of the 46 COSM amp models contains a specially programmed variation that's optimized for soloing. Simply click the Solo switch to activate the lead tone, and off you go — it's like having a separate solo channel on every COSM amp!

Extreme Effects

Forty-four effects categories are built into the GT-8. Up to 13 effect blocks can be used simultaneously to create complex textures and routings. All of your FX bases are covered — compressors, reverbs, choruses, EQs, COSM-modeled wahs, and much more. There are 200 preset patches built into the GT-8, plus 140 user patches for storing your custom amp/effects creations. As a special bonus, there's a selection of synth waves onboard, plus sitar and an acoustic processor. From subtle to sizzling, where will you take your tone?

Effects Chain

Another area where the GT-8 stomps the competition is in its powerful effects routing. Internally, the 13 FX blocks can be configured in any order you desire (for example, you can freely assign an equalizer after a distortion effect or before it). And if you'd care to take your tone "outside the box" and incorporate some external effects into the GT-8's signal path, you can do so with the Ext Loop send and return. Flexibility in routing is the name of the game.

Connectivity

The GT-8 is stocked with enough I/O options to satisfy even the most demanding pro. In addition to its stereo analog outs, it offers a 24-bit coaxial output for ultra-clean digital transfer, an Amp Control jack for switching between two amp channels on an external amp, an external expression/control pedal input, effects send and returns, MIDI in and out, and a headphone output.

GT-8 Specifications

■ **AD Conversion** 24 bit + AF method ■ **DA Conversion** 24 bit ■ **Sampling Frequency** 44.1 kHz ■ **Program Memories** 340: 140 (User) + 200 (Preset) ■ **Nominal Input Level** INPUT: -10 dBu, RETURN: -10 dBu ■ **Input Impedance** INPUT: 1 M Ω, RETURN: 220 kΩ ■ **Nominal Output Level** OUTPUT: 0 dBu, SEND: -10 dBu ■ **Output Impedance** OUTPUT: 2 kΩ, SEND: 2 kΩ ■ **Digital Output** EIAJ CP1201, S/P DIF ■ **Dynamic Range** 100 dB or greater (IHF-A) ■ **Display** 16 characters, 2 lines (backlit LCD), 2 characters, 7 segment LED ■ **Connectors** INPUT jack, OUTPUT jacks L (MONO)/R, PHONES jack, SEND jack, RETURN jack, DIGITAL OUT connector (coaxial), AMP CONTROL jack, SUB EXP PEDAL/SUB CTL PEDAL1,2 jack, MIDI connectors IN/OUT, AC Adaptor jack ■ **Power Supply** AC 14 V; Supply AC adaptor (BOSS BRC series) ■ **Current Draw** 650 mA ■ **Dimensions** 515 (W) x 261 (D) x 75 (H) mm, 20-5/16 (W) x 10-5/16 (D) x 3 (H) inches ■ **Weight** 4.8 kg/ 10 lbs 10 oz (excluding AC Adaptor) ■ **Accessories** AC Adaptor (BRC series), Owner's Manual ■ **Options** Foot Switch: FS-5U, FS-5L, Expression Pedal: EV-5 (Roland), FV-300L + PCS-33 (Roland), Foot Switch Cable: PCS-31 (Roland), (1/4 inches Phone Plug (stereo) - 1/4 inches Phone Plug (mono) x 2)

* 0 dBu = 0.775 Vrms

* The specifications are subject to change without notice.

DB-90 Dr. Beat

The Versatile and Professional Dr. Beat

Practice in style with the flagship of the Dr. Beat Metronome line. The new DB-90 is loaded with quality sounds and drum patterns to make your practice sessions less mundane and more musical. There's a Rhythm Coach function with an onboard mic, a reference-tone function for tuning, an Instrument input, MIDI input, and other handy tools to make learning fun and effective.

- Quick rhythm customizing with Note Mixing function, dozens of play-along drum patterns also built in
- Dedicated sliders, buttons, rotary dial, and large backlit LCD for user-friendly operation
- 4 metronome (including human voice) sounds
- Reference Tone function makes it easy to verify tuning by ear
- Practice with the Rhythm Coach by connecting a V-Pad (optional) — rubber pads and acoustic drums can also be detected via built-in mic
- Direct connection with guitar and bass, plus headphone monitoring
- Footswitch control for hands-free play/stop, and MIDI input for sync to external sequencers

*Product pictured is a prototype model. Actual product appearance may be subject to change.

Better Beats, Better Practice

The Note Mixing function allows you to instantly create a variety of beats by adjusting the levels of five different note values. Front-panel sliders, buttons, and a large rotary dial provide instant, hands-on access to edit parameters. Select four different click sounds, including a human voice-counting sound that will help you know your place in the bar. The DB-90 is also equipped with realistic PCM drum patterns, for developing your accuracy and rhythmic feel effectively.

Plug Into Rhythm Coach

Expand your rhythmic horizons with Rhythm Coach. This innovative follow-along feature has four training modes to help build your accuracy, speed, and endurance. With the DB-90's onboard microphone, you can use the Rhythm Coach functions with acoustic drums, or plug a Roland V-Pad into the Trigger input. Play along, and chart your progress.

Many Uses

Drummers can connect to the DB-90 via Roland V-Pads or the internal microphone. Guitarist and bassist can directly plug into the DB-90 without any other gear required, and monitor via connected headphones — practically any type of instrumentalist can benefit from the DB-90's features. And for those who wish to sync to an external sequencer for more elaborate accompaniment, they can do so with the DB-90's MIDI input. This stage-oriented feature is especially useful for drummers.

DB-90 Specifications

■ **Metronome** Tempo: 30-250 (Accuracy: ±0.1%), BEAT1: 1–9, BEAT2: OFF, 1–9, PATTERN: 8-BEAT x 4, 16-BEAT x 3, SHUFFLE x 3, FUNK x 2, JAZZ x 2, BLUES, TECHNO, HOUSE, COUNTRY, REGGAE, CLAVE 3-2, CLAVE 2-3, SALSA, RUMBA, BOSSA NOVA, SAMBA, WALTZ, TANGO, MAMBO, CHACHACHA, MARCH (30 kinds) ■ **RHYTHM COACH** Time Check, Quiet Count, Gradual Up/Down, Step Up/Down ■ **Reference Tone** Reference Pitch: A4=438 Hz-445 Hz (1 Hz steps), Reference Tone Range: C2-B6 (5 octave, 12 semitone) ■ **Memory** Metronome: 50, Reference Tone: 10 ■ **Auto Power Off function** Turns unit off after 60 min. ■ **Indicators** LCD Display, Tempo Indicator LED x 2 ■ **Connectors** TRIG IN, START/STOP, MEMORY UP/DOWN, MIDI IN, PHONES x 2 (Stereo 1/4" phone type, Stereo miniature phone type), INPUT, AC ADAPTOR ■ **Power Supply** Dry Battery (R6/LR6 (AA) Type) x 2 ■ **Dimensions** 122 (W) x 164 (D) x 37.5 (H) mm, 4-3/4 (W) x 6-1/2 (D) x 1-1/2 (H) inches ■ **Accessories** Dry Battery (R6 (AA) Type) x 2, Soft case, Owner's Manual

* The specifications are subject to change without notice.

DB-30 Dr. Beat

The Take-Along Dr. Beat

It's portable, reliable, and fun to use — the DB-30 helps musicians take their music to higher levels by offering a set of features that defies its diminutive size. Much more than just a simple timekeeper, this pocket-sized metronome can lay down a variety of rhythm patterns and time feels to practice along with, and it has a few timekeeping tricks up its sleeve as well.

- Portable, ruggedly built, and packed with fun play-along patterns
- 24 beat variations with complex beats, and 9 rhythm patterns
- Large LCD with smooth tempo meter
- Tap-tempo feature
- 12 internal chromatic reference tones
- Convenient Phones jack and Auto Power-Off function

*Product pictured is a prototype model. Actual product appearance may be subject to change.

Choose Your Pattern

Pick from a menu of nine rhythm types and 24 beat variations, including combinations of odd-time signatures and clave patterns for practicing Latin rhythms. Who says practice has to be painful? Put some extra spice and groove into your next practice session with the DB-30!

Extras

The DB-30 adds value with its smooth-flowing LCD needle for visual tempo assistance, and two bright LED lights that visually assist your practice. Other helpful functions include Tap Tempo for finding the right pulse fast, internal reference tones (12 semitones), Auto Power Off for optimizing battery life, and headphones jack so you won't miss a beat, even in noisy environments.

DB-30 Specifications

■ **Metronome** Tempo: 30-250 (Accuracy: ±0.1%), BEAT: 0–9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (24 kinds), RHYTHM: Quarter note, Eighth rest and eighth note, Eighth note, Triple, Triple with center rest, Sixteenth note, Sixteenth note with center rest, Clave (3-2, 2-3) (9 kinds) ■ **Reference Tone** Reference Pitch: A4=438 Hz-445 Hz (1 Hz steps), Reference Tone Range: C4-B4 (Accuracy: ±1 cent) ■ **Auto Power Off function** Turns unit off after 60 min. ■ **Memory function** Stores the settings when the power is turned off. ■ **Indicators** LCD Display, Tempo Indicator LED x 2 ■ **Connector** PHONES Jack (Stereo miniature phone type) ■ **Power Supply** CR2032 lithium battery ■ **Power Consumption** 10 mA or less (with reference tone sounding) ■ **Dimensions** 61 (W) x 90 (D) x 20 (H) mm, 2-13/32 (W) x 3-17/32 (D) x 25/32 (H) inches ■ **Weight** 70 g / 3 oz ■ **Accessories** CR2032 lithium battery, Owner's Manual

* The specifications are subject to change without notice.

DR-30/-50/-80C Microphones

Roland

New Mics for Studio and Stage

Roland deepens its audio product line with the introduction of three new microphones — two for the stage, one for the studio. The affordable DR-30 is ideal for amateurs and karaoke enthusiasts, while high-end DR-50 and DR-80C are designed for professional singers and recording applications.

DR-30 Dynamic Microphone

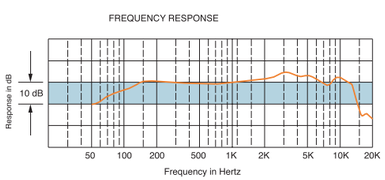
- Cardioid handheld mic with shock-absorption for reduced handling noise
- Silent-Switch design for reducing power on/off switching noise
- Power switch comes with a lock to prevent unintended operation

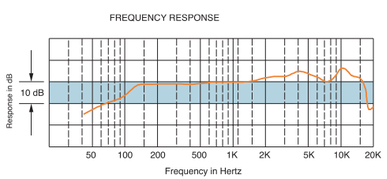
DR-50 Dynamic Microphone

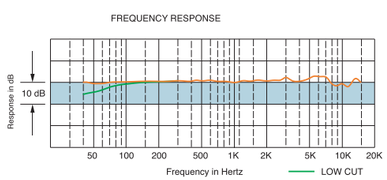
- Hyper Cardioid handheld mic
- Enhanced shock-absorption for unit protection and reduced mic handling noise
- Double-Screen structure to reduce breath noise

DR-80C Condenser Microphone

- Large diaphragm studio mic (26mm diameter) for high-quality sound
- Low-noise and high-input durability, plus wide dynamic range structure
- Low-Cut Switch for eliminating undesired low frequencies
- Pad Switch for adjusting to high input
- Dedicated shock-mount holder included







DR-30 Specifications

■ **Element** Dynamic ■ **Polar Pattern** Cardioid ■ **Frequency Response** 100 - 13,000 Hz ■ **Sensitivity** -52 +/- 3 dB (0 dB =1V/1 Pa, 1 kHz) ■ **Impedance** 600 Ω (+/- 30 % at 1 kHz) ■ **Weight** 305 g / 11 oz ■ **Output Connector** XLRM-type ■ **Accessories** stand clamp; 5/8"-27 to 3/8"-16 threaded adapter; 15' (4.5 m) cable; protective pouch

* The specifications are subject to change without notice.

DR-50 Specifications

■ **Element** Dynamic ■ **Polar Pattern** Hypercardioid ■ **Frequency Response** 90 - 16,000 Hz ■ **Sensitivity** -54 +/- 3 dB (0 dB =1V/1 Pa, 1 kHz) ■ **Impedance** 300 Ω (+/- 30 % at 1 kHz) ■ **Weight** 355 g / 13 oz ■ **Output Connector** XLRM-type ■ **Accessories** stand clamp; 5/8"-27 to 3/8"-16 threaded adapter; 15' (4.5m) cable; protective pouch

* The specifications are subject to change without notice.

DR-80C Specifications

■ **Element** Condenser ■ **Polar Pattern** Cardioid ■ **Frequency Response** 20 - 20,000 Hz ■ **Sensitivity** -32 dB ■ **Impedance** 200 Ω ■ **Maximum Input Sound Level** 145 dB SPL, 1 kHz at 1% T.H.D. ■ **Signal to Noise Ratio** 80 dB, 1 kHz at 1 Pa ■ **Phantom Power Requirements** 11 - 52V, 3 mA typical ■ **Switches** 10 dB pad; roll-off ■ **Low Frequency Roll-off** 80 Hz, 12 dB per octave ■ **Weight** 345 g / 13 oz ■ **Output Connector** Integral 3-pin XLRM-type

* The specifications are subject to change without notice.

V-Stand KS-V7 Keyboard Stand

Roland

Form & Function Innovation

For keyboardists who have been awaiting an innovation in keyboard-stand design, the wait is over. Roland's unique V-Stand is true to its name — offering a unique "V" shaped design that not only looks great, it provides solid support for synths up to 88-keys and 125 pounds per tier. The stand sets up and tears down in just five seconds (!) and can accommodate standing and sitting positions. The open floor-space design allows ideal placement of floor pedals. A cable hook is provided for a clean appearance.

V-stand Specifications

■ **Height** 622 – 1,054 mm, 24.5 – 41.5 inches ■ **Width** 483 – 711 mm, 19 – 28 inches ■ **Base Diameter** 927 (W)x 609 (D) mm, 36.5 (W) x 24 (D) inches ■ **Folded Size** 711 (W) x 241 (D) x 152 (H) mm, 28 (W) x 9.5 (D) x 6 (H) inches ■ **Load Capacity** 113.4 kg / 250 lbs. ■ **Weight** 8.95 kg / 19.75 lbs.

* The specifications are subject to change without notice.

DP-10 Damper Pedal

Roland

More Pedal than Meets the Eye

This well-built, real-feel pedal comes with a non-slip rubber plate — essential when performing on hardwood or slip-prone surfaces — and an extended cable (2.2m) for stacked multi-keyboard setups. It is compatible with half-damper capable keyboards, and it can also serve as a standard pedal switch (for sustain, etc).